SAMSUNG

SAMSUNG ELECTRONICS

DVD PLAYER
DVD-P200
DVD-P210

UK

AH68-01027P

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1. Before Operating Your Unit

Make sure that your power supply is of the type indicated on a sticker on the body of this unit. Install this unit (in a well ventilated place with at least 7 cm on the top and 10 cm on the left, right, and at the back of this unit). Do not obstruct the ventilation holes. Do not place any objects on the top of this unit. Do not place other appliances (including amplifiers) that produce heat on the top of this unit. Be sure to remove the disc when moving this unit. This unit is designed for continuous use. The power plug should be unplugged from the outlet when left unused for a long period of time.

2. Caution

Install this unit away from moisture, heat sources, and places exposed to strong magnetic or electric fields. Disconnect the power cable from the main electricity supply when the unit malfunctions. Your DVD player is intended not for industrial use, but for domestic use only. This product is for personal use only. When condensation forms inside the player or on the surface of the disc due to sudden temperature changes from cold to hot, the player may not operate correctly. If this occurs, leave the player at room temperature for about 2 hours or until the player becomes operational.

3. Warning

Never disassemble the main unit in any way. This is harmful to body as well as to your DVD player. Electric shock or exposure to an invisible laser beam may result. Do not look inside the DVD player as this is hazardous to your eyes.

4. Batteries

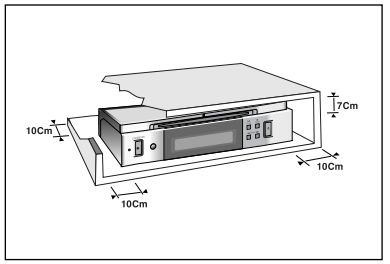
The batteries used in the remote control contain the chemicals that are harmful to the environment.
Do not dispose of batteries in the general household waste.

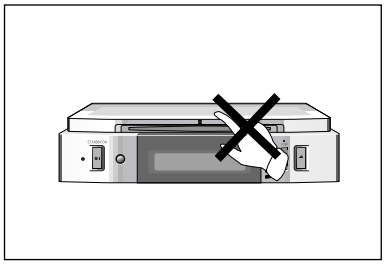
5. Handling the Main Unit

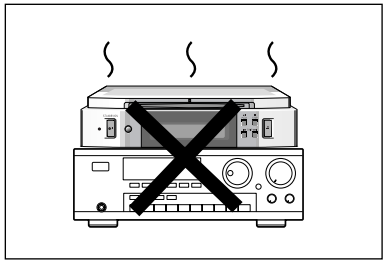
For safety reasons, be sure to disconnect the power plug from the outlet.

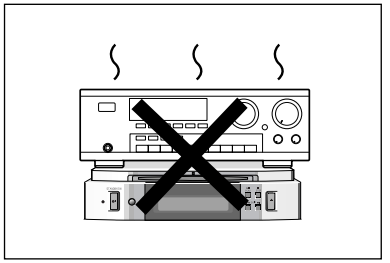
- Do not use benzene or other solvents when cleaning.
- Wipe the main unit with a soft cloth.

1









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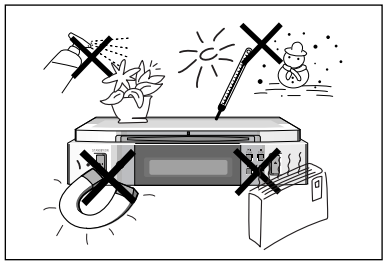

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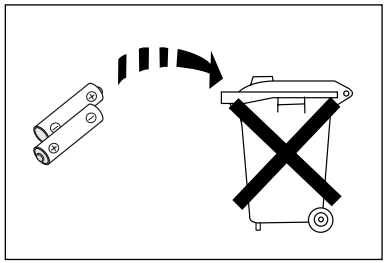

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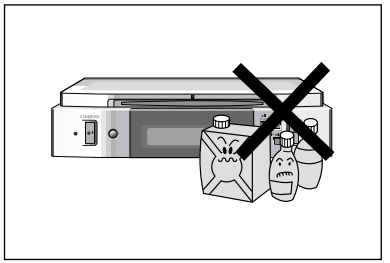

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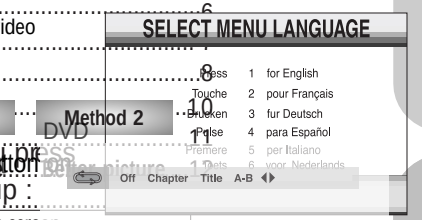
Before Playing (For Video)

- Turn on your TV and press the TV/VIDEO button to select the video mode.



When playing a DVD

Chapter or Track

1 After plugging in the player, the first time you press the DVD POWER button, this screen comes up :

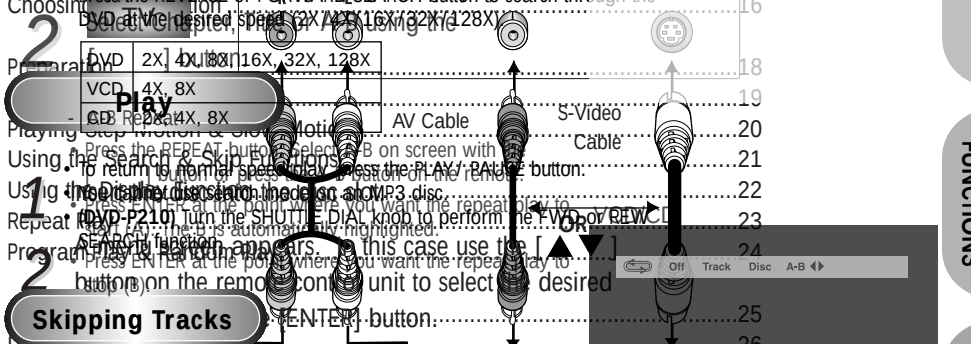
If you want to select the language, press a NUMBER button. (This screen will only appear the very first time you plug in the player.)

2 Press the REVERSE or FORWARD SEARCH button to search through the DVD at the desired speed (2X, 4X, 16X, 32X, 128X).

DVD	2X	4X, 8X	16X, 32X, 128X	
VCD	4X, 8X			
CD	2X, 4X, 8X			

3 Press the PLAY/PAUSE button.

Play



1 Use the [ ] cursor buttons to select the desired screen setting, then press the [ENTER] button.

2 Press the PLAY/PAUSE button to resume normal playback.

- When playing a VCD, the reverse slow motion playback will not work.

Skipping Tracks

1 During playback, press the NEXT SKIP or BACK SKIP button.

2 Press ENTER.

3 During playback, press the NEXT SKIP or BACK SKIP button.

4 • When playing a DVD, if you press the NEXT SKIP button, it moves to the next chapter. If you press the BACK SKIP button, it moves to the beginning of the chapter. One more press makes it move to the beginning of the previous chapter.

5 • When playing a VCD 2.0 in MENU OFF mode, a VCD 1.1 or a CD, if you press the NEXT SKIP button, it moves to next track. If you press the BACK SKIP button, it moves to the beginning of the current track. One more press makes it move to the beginning of the previous track.

- When playing a VCD 2.0 in the MENU MODE or Track View function, if you press the NEXT SKIP button, it moves to the next MENU or the next Track View display. If you press the BACK SKIP button, it moves to the previous MENU or the previous Track View display.

NOTE

- DVD discs are divided into titles and chapters. Titles are usually assigned to the longest section (A-B) on the disc, and chapters are smaller sections of titles (or songs). If the disc you have contains titles, you can play them in any order you want. You can also play any chapter in a title in any order you want.
- Depending on the disc, some of the above functions may not work.
- If you press the NEXT SKIP button during the last chapter or track, or the BACK SKIP button during the first chapter or track, the player will return to the first chapter or track and stop playback.

Note

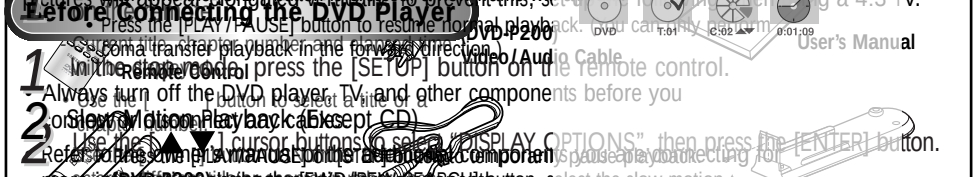
- If you press the Stop button once during playback, the player remembers where you stopped the disc. If you press PLAY, playback starts from that point. If you press the Stop button twice, then PLAY, playback starts from the beginning of the disc. This is called Resume Play. For DVD-P200 models, play (See page 28) to play in the STEP motion playback mode.
- Resume Play may not work on some discs.
- For DVD-P210 models, the Stop button is only on the remote control unit of the DVD-P200 model.
- For DVD-P210 models, you can repeat a title, chapter, track, disc or A-B automatically.
- In CD 2.0 mode (MENU ON mode), this function does not work.

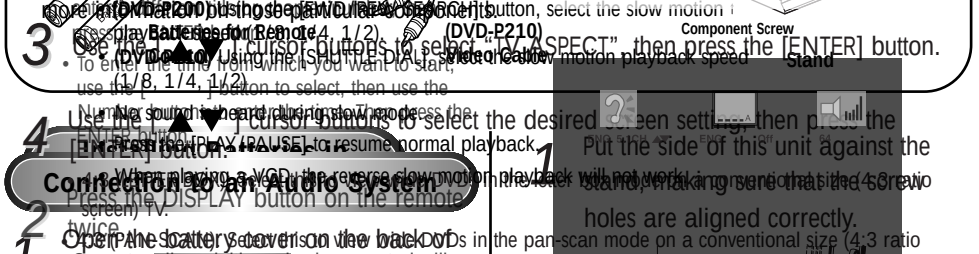
You can select the aspect ratio or the shape of your TV's screen.

You can adjust the aspect ratio according to the type of TV connected to this unit. Most DVD pictures are encoded in 16:9 ratio screen. When viewing these pictures on conventional 4:3 screen TVs, the pictures will have an elongated vertical aspect. To prevent this, set the TV screen format to 4:3.

Always turn off the DVD player, TV, and other components before you connect or disconnect any cables.

Refer to the user manuals for the additional components you intend to connect to the DVD player for more information on those components.





1 Open the battery cover on the back of the remote control unit.

2 Insert two batteries. Make sure that the polarities (+ and -) are aligned correctly.

3 Put the side of this unit against the stand, making sure that the screw holes are aligned correctly.

4 Fasten this unit to the stand using the supplied screw, which can be found on the bottom of the stand.

Using the stand, you can install this unit on the wall.

Note

- This icon indicates a prohibited action.

When Playing a CD/VCD

RESUME function

When you stop disc play, the player remembers where you stopped, so when you press PLAY again, it will pick up where you left off (unless the disc is removed, the STOP button is pressed twice or the player is unplugged.)

NOTE

- If the player is left for 5 minutes in pause mode, it will stop.
- If the player is left in the stop mode for more than 30 minutes, the power will automatically shut off. (Automatic Power-Off Function)
- If the player is left in the stop mode for more than one minute without any user interaction, a screen saver will be activated, and the TV screen will flash. Regardless of the setting, your DVD player might be damaged if its body is exposed repeatedly. Press the PLAY button to resume normal play.

Changing the Camera Angle

- Use the [ ] button to select a track.
- Use the [ ] button or Number buttons to enter a different track number, then press the ENTER button.
- To enter the time from which you want to start, use the [ ] button to select, then use the Number buttons to enter the time. Press the ENTER button.
- To make the screen disappear, press the DISPLAY button again.

Using the Zoom function

- Press the DISPLAY button during playback.
- Use the [ ] button to select the Zoom function.
- Use the [ ] button to select the desired zoom setting.
- Use the [ ] button to move to the desired area of the picture.
- Press the PLAY/PAUSE button to resume normal playback.

Using the Bookmark function

- Press the DISPLAY button during playback.
- Use the [ ] button to select the Bookmark function.
- Use the [ ] button to select the desired bookmark number.
- Press the ENTER button to start playback from the bookmarked scene.

When Playing a DVD

Changing the TV Screen Format on a 4:3 TV

- 4:3 (LETTER BOX): Select this to view wide DVDs in the pan-scan mode on a conventional size (4:3 ratio screen) TV.
- 4:3 (PAN-SCAN): Select this to view wide DVDs in the full-screen mode on a wide screen TV (16:9 ratio screen).
- 16:9 (WIDE): Select this to view wide DVDs in the full-screen mode on a wide screen TV (16:9 ratio screen).

Press the SETUP button to complete the video setup.

This unit's setting	Description of screen ratios
4:3 (LETTER BOX)	You can view the picture correctly, but with black stripes at the top and bottom.
16 : 9	You can view the picture correctly, but with the sides of the picture cut off. If the picture does not look this way, select 4:3 (LETTER BOX) mode.
16:9 (WIDE)	The picture appears elongated vertically. If the picture looks this way, select either 4:3 (LETTER BOX) or 4:3 (PAN-SCAN) mode.
4:3 (LETTER BOX)	
4:3 (PAN-SCAN)	You can view the picture correctly.

Regardless of the setting, your DVD player might be damaged if its body is exposed repeatedly. Press the PLAY button to resume normal play.

Note

- This icon indicates an invalid button press.
- Whether you can adjust the aspect ratio depends on the disc. Refer to the disc jacket for details.
- This setting cannot be changed during playback.

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(Only DVD-HP

Main Features

■ **Multiple audio function**

You can select the desired aud g multiple audio languages (page 29).

■ **Multiple subtitle function**

You can select the desired sub recorded with multiple subtitles (page 30).

■ **Multiple angle function**

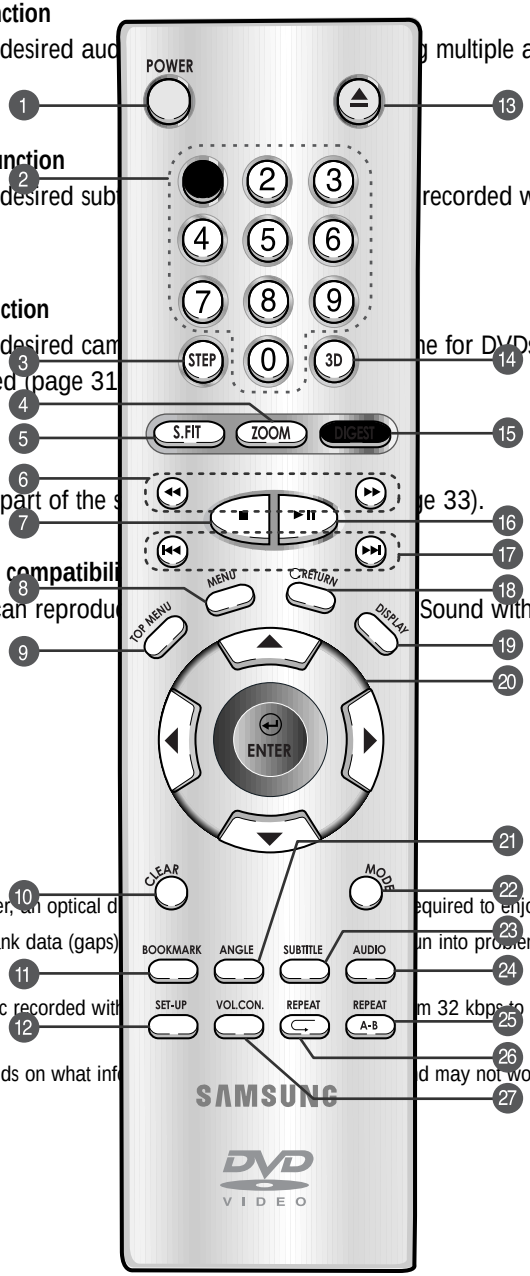
You can select the desired cam ne for DVDs on which multiple angles are recorded (page 31

■ **Zoom function**

You can select the part of the s ge 33).

■ **Dolby Digital / DTS compatibili**

Your DVD player can reproduc Sound with a strong sense of presence.



Note

- A separate amplifier, an optical d equired to enjoy Dolby Digital / DTS.
- If there are any blank data (gaps) un into problems when you attempt to play the disc.
- The sound on a disc recorded with m 32 kbps to 320 kbps, may be distorted.
- This function depends on what inf d may not work with all DVDs.

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Cautions on Handling Discs

■ **DVD Function Buttons**

signal surface of discs.

Hold the disc by its inner (hole) edge and outer edge and load it into the disc tray with the label side facing up (For single-sided discs). Be sure to remove the disc after use and store vertically in a clean protection jacket. Clean the disc by wiping gently in a straight line from the inside to the outside of the disc with a soft cloth. For persistent dirt, use a damp cloth with a diluted solution of neutral detergent. Do not use solvents such as benzene, alcohol, and other chemicals might damage the finish.

■ **Cleaning Discs**

Wipe gently with a soft cloth. For excessive dirt, use a damp cloth with a diluted solution of neutral detergent.
Use of alcohol or other chemical solvents for cleaning might damage the printing or finish.

■ **Cautions on Handling**

A new disc may have protrusions around its edge. This disc may not play properly or cause sound to skip. If a disc has such protrusions, remove them with a ball point pen before using.

Some discs might be defective and have deformed inner holes. Check if the inner portion of the CD is damaged, broken, or deformed.

■ **About Single CDs (8 cm discs)**

When using 8 cm discs, do not use an adapter.
When loading an 8 cm disc, properly secure the CD in the disc guide.

■ **When moving the player**

Be sure to remove the disc when moving the player.

■ **Never move the player while a disc is being played.**

Since the disc is rotating at high speed while its being played, moving the player during playback may damage the disc as well as the player's internal parts.

■ **Installation Method**

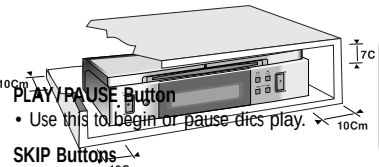
- Locate a flat surface and install horizontally. Do not place anything on top of it.
- Locate this unit away from the TV or cassette deck that can easily be affected by ventilation.
- Do not place on top of appliance such as amplifiers that produces heat.
- When installing inside a rack behind a glass door, do not press the OPEN/CLOSE button on the remote with the glass door closed.

■ **About Copyrights**

- It is prohibited by law to reproduce, broadcast, rent or play discs in public without the consent of the copyright holder.
- This product incorporates copyright protection technology that is protected by methods claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

■ **Copy Card**

This unit is incompatible with copy card. Connecting to a video deck or VCR of a single unit VCR/TV combo for recording purpose results in a distorted picture.



1 DVD POWER Button
- Turns the power on or off.

2 NUMBER Buttons

3 STOP Button
- Press to stop playback. Playback resumes from this point when you press PLAY/PAUSE. (Resume Playback)
- Press twice to stop playback completely. Resume Playback is cancelled.

4 ZOOM Button
- Use this to zoom in the section you're interested in. (Page 33)

5 S.FIT Button (page 25)

6 SEARCH Buttons
- Use these to move forward and backward through a video chapter or music track.

7 STOP Button
- Press this to stop the video or music playback.

8 MENU Button
- Brings up the DVD menu screen.

9 TOP MENU Button
- Brings up the uppermost level DVD menu.

10 CLEAR Button
- Press this to clear menus from the screen.

11 BOOKMARK Button (page 32)

12 SETUP Button (page 35)
- Brings up the DVD player's Setup Screen.

13 DISC IN/OUT Button
- Press this to remove the disc.

14 3D SOUND Button (page 33)

15 DIGEST Button (page 26)

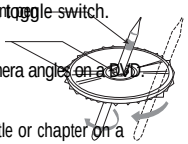
16 PLAY/PAUSE Button
- Use this to begin or pause dics play.

17 SKIP Buttons
- Use this to search through a particular scene or music.

18 RETURN Button
- Allows you to return to previous menu item.

19 DISPLAY Button
- Press this to display the current disc information.

20 ENTER/DIRECTION Button (UP/DOWN or LEFT/RIGHT Button)
- This button functions as a toggle switch.



21 ANGLE Button (page 31)
- Use this to access various camera angles on a DVD.

22 MODE Button (page 24)
- Allows you to play back a title or chapter on a DVD, or a track on a CD regardless of their order.

23 SUBTITLE Button (page 30)

24 AUDIO Button (page 29)
- Press this to access various audio functions.

25 A-B REPEAT Button
- Use this to repeat sections between two specific points.

26 REPEAT Button (page 23)
- Use this to repeat play a title or chapter on a DVD.
- Use this to repeat play a track on a CD or whole CD.

27 VOL CON. Button (page 31)
- Use this to adjust the player's main volume.

Types of Discs That Can Be Played

- The types of discs listed on the table below can be used on this player.
- The marks listed on the table below are indicated on the disc labels or jackets.
- Your DVD player is suitable for PAL. Use only discs with PAL marking on them or on their package.
- Your DVD player can play a NTSC DVD disc by using Quasi-PAL mode (see page 39).

Usable Disc Types and Marks (Logos)	Disc Size / Signal Surface		Max. Playing Time
DVD VIDEO	**DVD Video** 12 cm / Single-sided 12 cm / Single-sided	Layer 1 Layer 2 Layer 1 Layer 2	**(MPEG 2)** 133 min. 242 min. 266 min. 484 min.
	DVD Video 8 cm / Single-sided 8 cm / Double-sided	Layer 1 Layer 2 Layer 1 Layer 2	**(MPEG 2)** 41 min. 75 min. 82 min. 150 min.
VIDEO-CD COMPACT disc DIGITAL VIDEO	**Video CD** 12 cm / Single-sided		**(MPEG 1)** 74 min.
	Video CD 8 cm / Single-sided		**(MPEG 1)** 20 min.
AUDIO-CD COMPACT disc DIGITAL AUDIO	**CD** 12 cm / Single-sided		74 min.
	CD Single 8 cm / Single-sided		20 min.

- CD-R discs recorded in music CD (CD-DA) or MP3 formats can be played.
  However, according to the recording quality and characteristics of the discs, some discs cannot be played.
- The following types of discs cannot be played on this player. (There are yet other types of discs in addition to those listed below that cannot be played on this player.)
  DVD-ROM, DVD-RAM, DVD-AUDIO
  DVD-R, DVD-RW, CD-ROM, photo CD, SVCD, CD-RW
  DVDs with region numbers other than the region number for this DVD player Inadvertently playing such discs may result in noise. More over, the noises generated may result in damage to the speakers.
- CD-G, CD-EXTRA, CD TEXT (Only the audio is output.)

<Notes>

- The playback condition of the DVD Videos and VIDEO-CDs may be determined by the intention of the software producers. This unit may not operate the way you might want it to because it can only play the disc according to the disc contents intended by the producers of the software.
- About MP3 discs
  This player is capable of playing CD-R discs with MP3 format (hereinafter referred to as MP3 disc).
  For MP3 discs, certain functions are limited in your DVD player.
- Digital signals output when playing MP3 files are MP3 signals converted into PCM. 3D virtual function cannot be used.
- Program playback and random playback of tracks are not possible.
- It may not be possible to play some CD-R/RW discs due to recording quality or characteristics.
- Your DVD player can only play MP3 files recorded in ISO 9660 writing software format.
- Discs recorded in multi-session or packet write method cannot be played.
- The disc cannot be played if the disc is not closed at the end of the recording session.
- When recording (or encoding) MP files, select bit rates of 128 kbps or greater.
- When playing MP3 files recorded on CD-R/RW, your DVD player can display a file name consisting of up to 8 alphanumeric characters.

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Types of Discs That Can Be Played

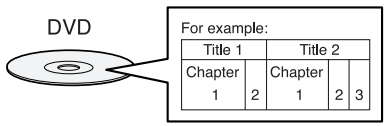
■ Markings indicated on DVD discs

The following markings are indicated on a DVD disc or its package. Each marking represents the type of video or audio data recorded on a DVD disc.

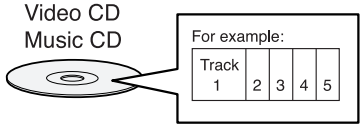
Disc Markings	Description
2	The number of audio languages offered
2	The number of subtitle languages offered
	The number of angle of views recorded
16:9 LB	Available screen aspect ratio selections
ALL	Region Number of DVDs you can play on this player Your DVD player is capable of playing discs that are labled with the Region Number [2] or [ALL].
PAL	PAL broadcast system in U.K, France, Germany, etc.
DOLBY DIGITAL	Dolby Digital disc
STEREO	Stereo disc
DIGITAL SOUND	Digital Audio disc
dts	DTS disc

■ Disc terminology

- Titles (DVD-videos)
  For example, if a DVD contains two movies, each movie is numbered Title 1 and Title 2.
- Chapters (DVD-videos)
  A title further subdivided into sections.



- Track (video and music CDs)
  For example, if a CD contains five songs, each song is numbered Track 1, 2, 3, 4, and 5.

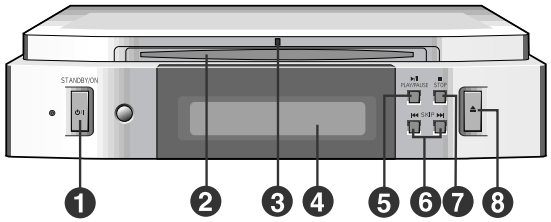


■ Handling Discs

- Avoid touching the surface of discs or writing on them. Wipe off fingerprints, grease or dirt with a soft cloth. Be sure to wipe in a straight line from the inside to the outside of the disc.

- Do not dirty or damage discs.
- Do not put discs in places exposed to direct sunlight, heat or humidity.
- Do not drop or bend discs.
- Do not use stabilizers for CDs.
- Keep discs in their cases when storing.
  It is prohibited by law to reproduce, broadcast, rent or play discs in public without the consent of the copyright holder.

Description-Front Panel



Front Panel Controls

1 STANDBY/ON button
- Turns the power on or off. The red lamp lights up while in the standby mode.
  When power is turned on, the red lamp lights off.

2 Disc Slot
- Used for loading the disc or for removing the disc using the [⏏] button.

3 DISC IN: the indicator lights up
DISC OUT: the indicator lights off
During IN/OUT operation: the indicator flashes

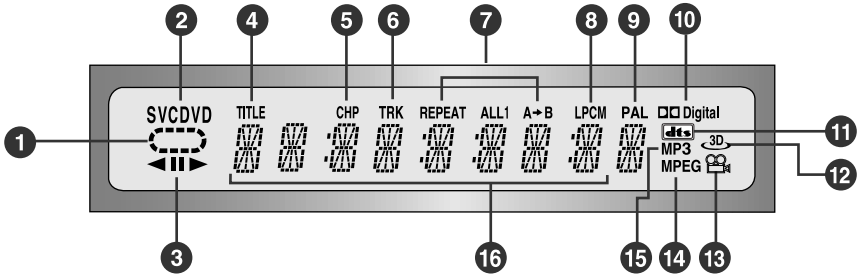
4 DISPLAY
- Operation indicators are displayed here.

5 PLAY/PAUSE button
- Begin or pause disc play.

6 SKIP button
- Use to skip a scene or music.

7 STOP button
- Stops disc play.

8 EJECT button
- ⏏ (eject) button



Front Panel Display

1. Shows information about the operational status of this unit.
2. Disc type indicators
3. Reverse play / Pause / Forward play
4. DVD : Title number
5. DVD : Chapter number.
6. Video/Audio CD : Track number
7. Repeat play mode
8. Linear PCM audio output
9. PAL indicator
10. Dolby Digital Disc
11. DTS (Digital Theater System) output
12. Lights when 3D surround is turned on.
13. Angle indicator. You can select multiple angles of a scene recorded by different cameras.
14. MPEG-2 Audio output
15. MP3 Audio output
16. Displays various messages concerning operations such as PLAY, STOP, LOAD, RANDOM, ...
    no DISC : No disc loaded.
    EJECT : The disc is open.
    LOAD : This unit is loading disc information.
    DISC MENU : Displays DVD menu screen.

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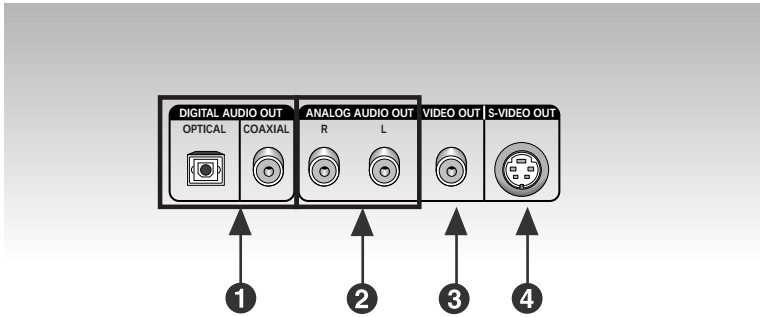
Description-Rear Panel



Rear Panel

1 DIGITAL AUDIO OUT JACKS
- Use either an optical or coaxial digital cable to connect to a compatible Dolby Digital receiver. Use to connect to an A/V Amplifier that contains a Dolby Digital or DTS decoder.

2 ANALOG AUDIO OUT JACKS
- Connect to the Audio input jacks of your television, audio/video receiver, or VCR.

3 VIDEO OUT JACK
- Use a video cable to connect to the Video input jack on your television.

4 S-VIDEO OUT JACK
- Use the S-Video cable to connect this jack to the S-Video jack on your television for a higher quality picture. The S-Video must be selected in the VIDEO OUT SELECT.

(Only DVD-HP

Main Features

■ **Multiple audio function**

You can select the desired aud g multiple audio languages (page 29).

■ **Multiple subtitle function**

You can select the desired sub recorded with multiple subtitles (page 30).

■ **Multiple angle function**

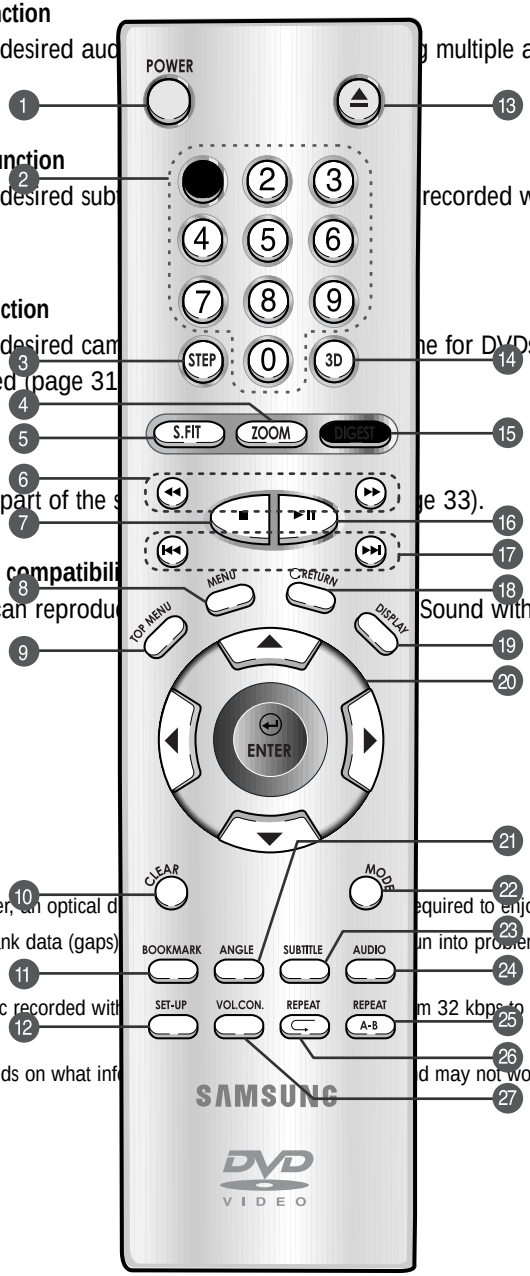
You can select the desired cam ne for DVDs on which multiple angles are recorded (page 31

■ **Zoom function**

You can select the part of the s ge 33).

■ **Dolby Digital / DTS compatibili**

Your DVD player can reproduc Sound with a strong sense of presence.



Note

- A separate amplifier, an optical d equired to enjoy Dolby Digital / DTS.
- If there are any blank data (gaps) un into problems when you attempt to play the disc.
- The sound on a disc recorded with m 32 kbps to 320 kbps, may be distorted.
- This function depends on what inf d may not work with all DVDs.

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Cautions on Handling Discs

■ **DVD Function Buttons**

signal surface of discs.

Hold the disc by its inner (hole) edge and outer edge and load it into the disc tray with the label side facing up (For single-sided discs). Be sure to remove the disc after use and store vertically in a clean protection jacket. Clean the disc by wiping gently in a straight line from the inside to the outside of the disc with a soft cloth. For persistent dirt, use a damp cloth with a diluted solution of neutral detergent. Do not use solvents such as benzene, alcohol, and other chemicals might damage the finish.

■ **Cleaning Discs**

Wipe gently with a soft cloth. For excessive dirt, use a damp cloth with a diluted solution of neutral detergent.
Use of alcohol or other chemical solvents for cleaning might damage the printing or finish.

■ **Cautions on Handling**

A new disc may have protrusions around its edge. This disc may not play properly or cause sound to skip. If a disc has such protrusions, remove them with a ball point pen before using.

Some discs might be defective and have deformed inner holes. Check if the inner portion of the CD is damaged, broken, or deformed.

■ **About Single CDs (8 cm discs)**

When using 8 cm discs, do not use an adapter.
When loading an 8 cm disc, properly secure the CD in the disc guide.

■ **When moving the player**

Be sure to remove the disc when moving the player.

■ **Never move the player while a disc is being played.**

Since the disc is rotating at high speed while its being played, moving the player during playback may damage the disc as well as the player's internal parts.

■ **Installation Method**

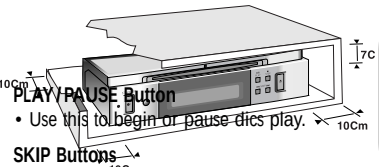
- Locate a flat surface and install horizontally. Do not place anything on top of it.
- Locate this unit away from the TV or cassette deck that can easily be affected by ventilation.
- Do not place on top of appliance such as amplifiers that produces heat.
- When installing inside a rack behind a glass door, do not press the OPEN/CLOSE button on the remote with the glass door closed.

■ **About Copyrights**

- It is prohibited by law to reproduce, broadcast, rent or play discs in public without the consent of the copyright holder.
- This product incorporates copyright protection technology that is protected by methods claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

■ **Copy Card**

This unit is incompatible with copy card. Connecting to a video deck or VCR of a single unit VCR/TV combo for recording purpose results in a distorted picture.



1 DVD POWER Button
- Turns the power on or off.

2 NUMBER Buttons

3 STOP Button
- Press to stop playback. Playback resumes from this point when you press PLAY/PAUSE. (Resume Playback)
- Press twice to stop playback completely. Resume Playback is cancelled.

4 ZOOM Button
- Use this to zoom in the section you're interested in. (Page 33)

5 S.FIT Button (page 25)

6 SEARCH Buttons
- Use these to move forward and backward through a video chapter or music track.

7 STOP Button
- Press this to stop the video or music playback.

8 MENU Button
- Brings up the DVD menu screen.

9 TOP MENU Button
- Brings up the uppermost level DVD menu.

10 CLEAR Button
- Press this to clear menus from the screen.

11 BOOKMARK Button (page 32)

12 SETUP Button (page 35)
- Brings up the DVD player's Setup Screen.

13 DISC IN/OUT Button
- Press this to remove the disc.

14 3D SOUND Button (page 33)

15 DIGEST Button (page 26)

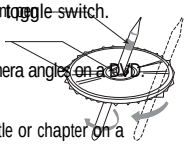
16 PLAY/PAUSE Button
- Use this to begin or pause dics play.

17 SKIP Buttons
- Use this to search through a particular scene or music.

18 RETURN Button
- Allows you to return to previous menu item.

19 DISPLAY Button
- Press this to display the current disc information.

20 ENTER/DIRECTION Button (UP/DOWN or LEFT/RIGHT Button)
- This button functions as a toggle switch.



21 ANGLE Button (page 31)
- Use this to access various camera angles on a DVD.

22 MODE Button (page 24)
- Allows you to play back a title or chapter on a DVD, or a track on a CD regardless of their order.

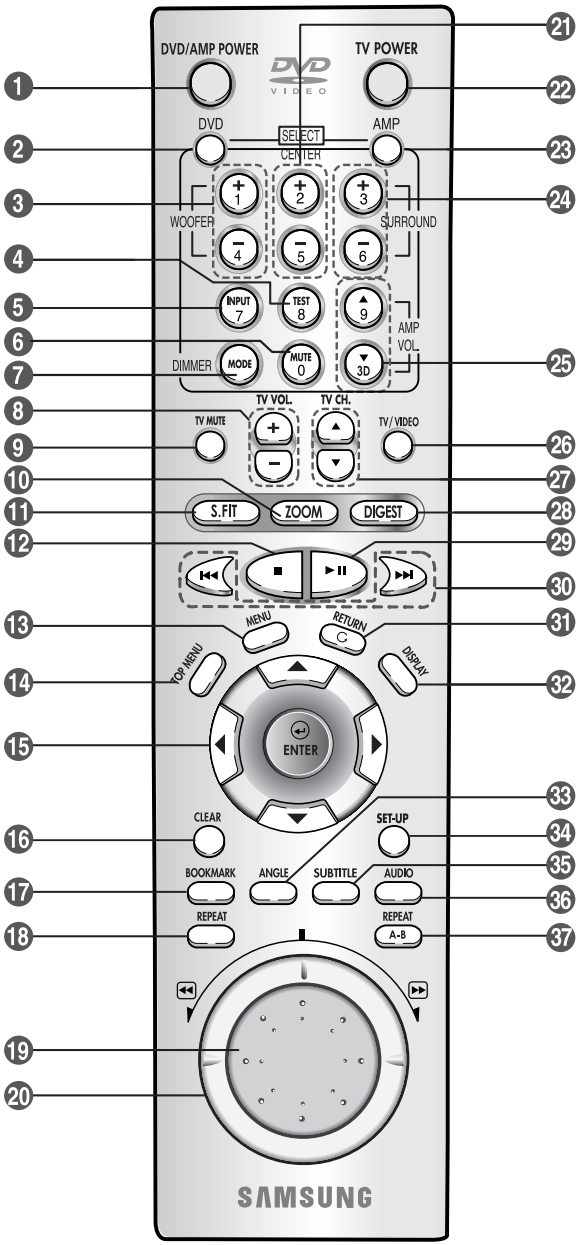
23 SUBTITLE Button (page 30)

24 AUDIO Button (page 29)
- Press this to access various audio functions.

25 A-B REPEAT Button
- Use this to repeat sections between two specific points.

26 REPEAT Button (page 23)
- Use this to repeat play a title or chapter on a DVD.
- Use this to repeat play a track on a CD or whole CD.

27 VOL CON. Button (page 31)
- Use this to adjust the player's main volume.



DVD Function Buttons

1. **DVD/AMP POWER Button**
   - Turns the power on or off.
2. **DVD Button**
3. **WOOFER VOLUME Buttons**
4. **TEST Button**
5. **INPUT Button**
6. **AMP MUTE Button**
7. **MODE Button**
   - Allows you to program a specific order.
8. **TV VOLUME Buttons**
9. **TV MUTE Button**
10. **ZOOM Button**
    - Use this to zoom in the section you're interested in. (Page 33)
11. **S.FIT Button**
12. **STOP Button**
    - Press this to stop the video or music playback.
13. **MENU Button**
    - Brings up the DVD menu screen.
14. **TOP MENU Button**
    - Brings up the uppermost level DVD menu.
15. **ENTER/DIRECTION Button (UP/DOWN or LEFT/RIGHT buttons)**
    - This button functions as a toggle switch.
16. **CLEAR Button**
    - Press this to clear menus from the screen.
17. **BOOKMARK Button** (page 32)
18. **REPEAT Button** (page 23)
    - Use this to repeat play a title or chapter on a DVD.
      Use this to repeat play a track on a CD or whole CD.
19. **JOG DIAL**
    - Operates frame by frame play. In CD mode, performs track search.
20. **SHUTTLE DIAL**
    - Performs fast or slow motion play.
21. **CENTER VOLUME Button**
22. **TV POWER Button**
23. **AMP Button**
24. **SURROUND VOLUME Button**
25. **3D Button** (page 33) **/ AMP VOLUME Button**
26. **TV/VIDEO Button**
27. **TV CHANNEL Button**
28. **DIGEST Button** (page 26)
29. **PLAY/PAUSE Button**
    - Use this to begin or pause dics play.
30. **SKIP Buttons**
    - Use this to search through a particular scene or music.
31. **RETURN Button**
    - Allows you to return to previous menu item.
32. **DISPLAY Button**
    - Press this to display the current disc information.
33. **ANGLE Button** (page 31)
    - Use this to access various camera angles on a DVD.
34. **SET-UP Button** (page 35)
    - Brings up the DVD player's Setup Screen.
35. **SUBTITLE Button** (page 30)
36. **AUDIO Button** (page 29)
    - Press this to access various audio functions.
37. **A-B REPEAT Button**
    - Use this to repeat sections between two specific points.

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Before Connecting the DVD Player

1 Always turn off the DVD player, TV, and other components before you connect or disconnect any cables.

2 Refer to the user manuals for the additional components you intend to connect to the DVD player.

3 Use the [▲▼] cursor buttons to select "TV ASPECT", then press the [ENTER] button.

4 Use the [▲▼] cursor buttons to select the desired screen setting, then press the [ENTER] button.

- 4:3 (LETTER BOX): Select this to view wide DVDs in the pan-scan mode on a conventional size (4:3 ratio screen) TV.
- 4:3 (PAN-SCAN): Select this to view wide DVDs in the full-screen mode on a wide screen TV (16:9 ratio screen).
- 16:9 (WIDE): Select this to view wide DVDs in the full-screen mode on a wide screen TV (16:9 ratio screen).

5 Press the SETUP button to complete the video setup.

When Playing a CD/VCD

RESUME function

When you stop disc play, the player remembers where you stopped, so when you press PLAY again, it will pick up where you left off (unless the disc is removed, the STOP button is pressed twice or the player is unplugged.)

NOTE

- If the player is left for 5 minutes in pause mode, it will stop.
- If the player is left in the stop mode for more than 30 minutes, the power will automatically shut off. (Automatic Power-Off Function)
- If the player is left in the stop mode for more than one minute without any user interaction, a screen saver will be activated, and the TV screen will flash. Regardless of the setting, your DVD player might be damaged if its body is heated repeatedly. Press the PLAY button to resume normal play.

Note

- This icon indicates an invalid button press.

When Playing a DVD

This unit's setting

- 4:3 (LETTER BOX)
- 16:9 (WIDE)
- 4:3 (PAN-SCAN)

Regardless of the setting, your DVD player might be damaged if its body is heated repeatedly. Press the PLAY button to

Description of screen ratios

- 16 : 9
- 4 : 3

You can view the picture correctly, but with black stripes at the top and bottom.

You can view the picture correctly, but with the sides of the picture cut off. If the picture does not look this way, select 4:3 (LETTER BOX) mode.

The picture appears elongated vertically. If the picture looks this way, select either 4:3 (LETTER BOX) or 4:3 (PAN-SCAN) mode.

You can view the picture correctly.

Your DVD player might be damaged if its body

- Whether you can adjust the aspect ratio depends on the disc. Refer to the disc jacket for details.
- This setting cannot be changed during playback.

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Before Play (For Video)

1 Turn on your TV and press the TV/VIDEO button to select the video mode.

2 Press the DVD button.

3 Press the [PLAY/PAUSE] button to resume normal playback.

- To select a title or a chapter, use the [ ] button.
- To enter the time from which you want to start, use the [ ] button to select, then use the Number buttons to enter the time. Press the ENTER button.
- To view the disc information, press the DISPLAY button on the remote control.
- To make the screen disappear, press the DISPLAY button again.

When playing a DVD

Chapter or Track

1 Press the [ ] button to select a title or a chapter.

2 Use the [ ] cursor buttons to select "DISPLAY", then press the [ENTER] button.

3 Use the [ ] cursor buttons to select the [ ] button, then press the [ENTER] button.

4 Use the [ ] cursor buttons to enter the time from which you want to start, then press the [ENTER] button.

Play

Step Motion & Slow Motion Playback (Except CD)

1 Press the PAUSE/STEP button during playback.

2 Press the [ ] button repeatedly to select the desired playback speed.

- DVD: 1/2, 1/4, 1/8
- VCD: 1/2, 1/4, 1/8

3 Press the [PLAY/PAUSE] button to resume normal playback.

- When playing a VCD, the reverse slow motion playback will not work.
- In some scenes, the slow motion playback will not work.

Repeat Play

1 Press the REPEAT button during playback.

2 Press the [ ] button to select the desired repeat mode.

- DVD: CHAPTER, TRACK, TITLE, OFF
- VCD: TRACK, DISC, OFF

3 Press the [ENTER] button.

- To return to normal playback, press the REPEAT button repeatedly to select OFF, then press the [ENTER] button.

A-B Repeat Play

1 Press the REPEAT button during playback.

2 Press the [ ] button to select A-B, then press the [ENTER] button.

3 Press the [ENTER] button at the point where you want the repeat play to start (A).

4 Press the [ENTER] button at the point where you want the repeat play to end (B).

- To return to normal playback, press the REPEAT button repeatedly to select OFF, then press the [ENTER] button.

Programmed Play

1 Press the PROGRAM button during playback.

2 Use the [ ] cursor buttons to select a title, then press the [ENTER] button.

3 Use the [ ] cursor buttons to select a chapter, then press the [ENTER] button.

4 Use the [ ] cursor buttons to select [ADD], then press the [ENTER] button.

5 Repeat steps 2 through 4 to program other selections.

- To play the programmed titles, use the [ ] cursor buttons to select [START], then press the [ENTER] button.
- To clear the programmed titles, use the [ ] cursor buttons to select [CLEAR], then press the [ENTER] button.

Skipping Tracks

During play, press the NEXT SKIP or BACK SKIP button.

- When playing a DVD, if you press the NEXT SKIP button, it moves to the next chapter. If you press the BACK SKIP button, it moves to the beginning of the chapter. One more press makes it move to the beginning of the previous chapter.
- When playing a VCD 2.0 in MENU OFF mode, a VCD 1.1 or a CD, if you press the NEXT SKIP button, it moves to next track. If you press the BACK SKIP button, it moves to the beginning of the current track. One more press makes it move to the beginning of the previous track.
- When playing a VCD 2.0 in MENU MODE or Track View function, if you press the NEXT SKIP button, it moves to the next MENU or the next Track View display. If you press the BACK SKIP button, it moves to the previous MENU or the previous Track View display.

NOTE

- DVD: Depending on the disc, this function may not work.
- VCD: Depending on the disc, this function may not work.

Note

- If you press the NEXT SKIP button when playing a VCD and you have less than 5 minutes remaining, it moves forward 5 minutes. If you press the BACK SKIP button, it moves backward 5 minutes.
- The Step button is only for the remote control unit of the DVD-P200 model. For DVD-P210 model, play the CD/CD 2.0 mode (MENU ON mode), this function does not work.

Connection to an Audio System

1 Open the battery cover on the back of the remote control unit.

2 Insert two batteries. Make sure that the polarities (+ and -) are aligned correctly.

- Method 1
- Method 2

Connection to a TV

- Method 1
- Method 2

1 Put the side of this unit against the stand, making sure that the screw holes are aligned correctly.

2 Fasten this unit to the stand using the supplied screw, which can be found

- Dolby Digital Decoder
- Digital Audio Input Jack

- AUDIO
- ANALOG AUDIO OUT
- VIDEO OUT
- S-VIDEO OUT

- Audio Output Jacks
- Video Output Jack
- S-Video Jack

- DVD Player + TV with S-Video Input Jack
- DVD Player + TV with Video Input Jack

Note

- Please correctly connect this unit's video outputs to the TV.
- If you connect the video output of this unit to a VCR, the DVD-P200 model will play in the STEP motion playback mode.

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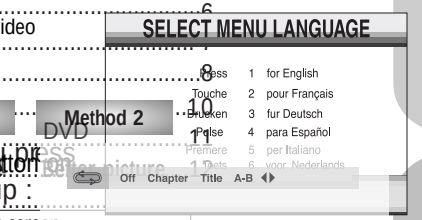
Before Playing (For Video)

- Turn on your TV and press the TV/VIDEO button to select the video mode.



When playing a DVD

Chapter or Track

1 After plugging in the player, the first time you press the DVD POWER button, this screen comes up :

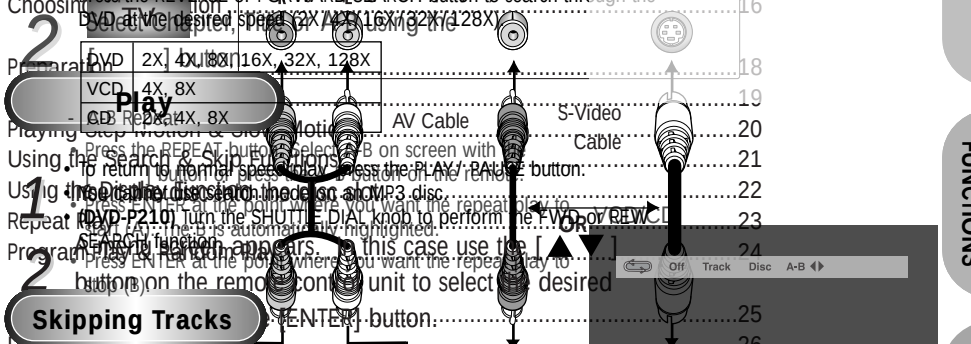
If you want to select the language, press a NUMBER button. (This screen will only appear the very first time you plug in the player.)

2 Press the REVERSE or FORWARD SEARCH button to search through the DVD at the desired speed (2X, 4X, 16X, 32X, 128X).

DVD	2X	4X, 8X	16X, 32X, 128X	
VCD	4X, 8X			
CD	2X, 4X, 8X			

3 Press the PLAY/PAUSE button.

Play



1 Use the [ ] cursor buttons to select the desired screen setting, then press the [ENTER] button.

2 Press the PLAY/PAUSE button to resume normal playback.

- When playing a VCD, the reverse slow motion playback will not work.

Skipping Tracks

1 During playback, press the NEXT SKIP or BACK SKIP button.

2 Press ENTER.

3 During playback, press the NEXT SKIP or BACK SKIP button.

4 • When playing a DVD, if you press the NEXT SKIP button, it moves to the next chapter. If you press the BACK SKIP button, it moves to the beginning of the chapter. One more press makes it move to the beginning of the previous chapter.

5 • When playing a VCD 2.0 in MENU OFF mode, a VCD 1.1 or a CD, if you press the NEXT SKIP button, it moves to next track. If you press the BACK SKIP button, it moves to the beginning of the current track. One more press makes it move to the beginning of the previous track.

- When playing a VCD 2.0 in the MENU MODE or Track View function, if you press the NEXT SKIP button, it moves to the next MENU or the next Track View display. If you press the BACK SKIP button, it moves to the previous MENU or the previous Track View display.

NOTE

- DVD discs are divided into titles and chapters. Titles are usually assigned to the longest section (A-B) on the disc, and chapters are smaller sections of titles (or songs). If the disc you have contains titles, you can play them in any order you want. You can also play any chapter in a title in any order you want.
- Depending on the disc, some of the above functions may not work.
- If you press the NEXT SKIP button during the last chapter or track, or the BACK SKIP button during the first chapter or track, the player will return to the first chapter or track and stop playback.

Note

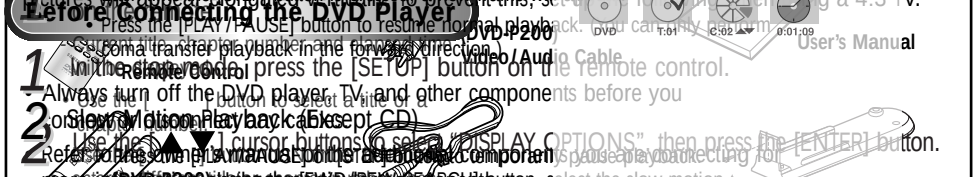
- If you press the Stop button once during playback, the player remembers where you stopped the disc. If you press PLAY, playback starts from that point. If you press the Stop button twice, then PLAY, playback starts from the beginning of the disc. This is called Resume Play. For DVD-P200 models, play (See page 28) to play in the STEP motion playback mode.
- Resume Play may not work on some discs.
- For DVD-P210 models, the Stop button is only on the remote control unit of the DVD-P200 model.
- For DVD-P210 models, you can repeat a title, chapter, track, disc or A-B automatically.
- In CD 2.0 mode (MENU ON mode), this function does not work.

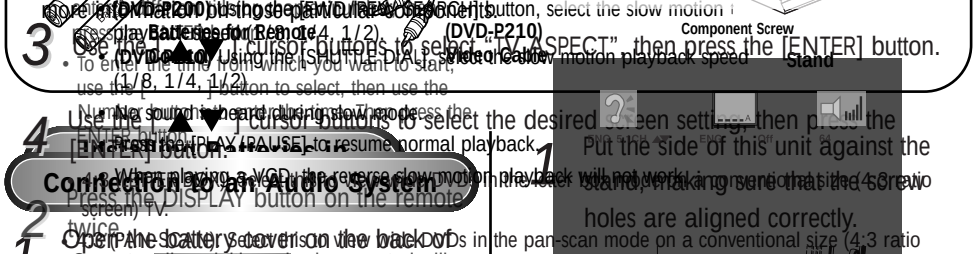
You can select the aspect ratio or the shape of your TV's screen.

You can adjust the aspect ratio according to the type of TV connected to this unit. Most DVD pictures are encoded in 16:9 ratio screen. When viewing these pictures on conventional 4:3 screen TVs, the pictures will have an elongated vertical aspect. To prevent this, set the TV screen format to 4:3.

Always turn off the DVD player, TV, and other components before you connect or disconnect any cables.

Refer to the user manuals for the additional components you intend to connect to the DVD player for more information on those components.





1 Open the battery cover on the back of the remote control unit.

2 Insert two batteries. Make sure that the polarities (+ and -) are aligned correctly.

3 Put the side of this unit against the stand, making sure that the screw holes are aligned correctly.

4 Fasten this unit to the stand using the supplied screw, which can be found on the bottom of the stand.

Using the stand, you can install this unit on the wall.

Note

- This icon indicates a prohibited action.

When Playing a CD/VCD

RESUME function

When you stop disc play, the player remembers where you stopped, so when you press PLAY again, it will pick up where you left off (unless the disc is removed, the STOP button is pressed twice or the player is unplugged.)

NOTE

- If the player is left for 5 minutes in pause mode, it will stop.
- If the player is left in the stop mode for more than 30 minutes, the power will automatically shut off. (Automatic Power-Off Function)
- If the player is left in the stop mode for more than one minute without any user interaction, a screen saver will be activated, and the TV screen will flash. Regardless of the setting, your DVD player might be damaged if its body is exposed repeatedly. Press the PLAY button to resume normal play.

Changing the Camera Angle

- Use the [ ] button to select a track.
- Use the [ ] button or Number buttons to enter a different track number, then press the ENTER button.
- To enter the time from which you want to start, use the [ ] button to select, then use the Number buttons to enter the time. Press the ENTER button.
- To make the screen disappear, press the DISPLAY button again.

Using the Zoom function

- Press the DISPLAY button during playback.
- Use the [ ] button to select the Zoom function.
- Use the [ ] button to select the desired zoom setting.
- Use the [ ] button to move to the desired area of the picture.
- Press the PLAY/PAUSE button to resume normal playback.

Using the Bookmark function

- Press the DISPLAY button during playback.
- Use the [ ] button to select the Bookmark function.
- Use the [ ] button to select the desired bookmark number.
- Press the ENTER button to start playback from the bookmarked scene.

When Playing a DVD

Changing the TV Screen Format on a 4:3 TV

- 4:3 (LETTER BOX): Select this to view wide DVDs in the pan-scan mode on a conventional size (4:3 ratio screen) TV.
- 4:3 (PAN-SCAN): Select this to view wide DVDs in the full-screen mode on a wide screen TV (16:9 ratio screen).
- 16:9 (WIDE): Select this to view wide DVDs in the full-screen mode on a wide screen TV (16:9 ratio screen).

Press the SETUP button to complete the video setup.

This unit's setting	Description of screen ratios
4:3 (LETTER BOX)	You can view the picture correctly, but with black stripes at the top and bottom.
16 : 9	You can view the picture correctly, but with the sides of the picture cut off. If the picture does not look this way, select 4:3 (LETTER BOX) mode.
16:9 (WIDE)	The picture appears elongated vertically. If the picture looks this way, select either 4:3 (LETTER BOX) or 4:3 (PAN-SCAN) mode.
4:3 (LETTER BOX)	
4:3 (PAN-SCAN)	You can view the picture correctly.

Regardless of the setting, your DVD player might be damaged if its body is exposed repeatedly. Press the PLAY button to resume normal play.

Note

- This icon indicates an invalid button press.
- Whether you can adjust the aspect ratio depends on the disc. Refer to the disc jacket for details.
- This setting cannot be changed during playback.

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Playing Back a Disc

Selecting the TV Screen Format

You can select the aspect ratio or the shape of your TV's screen.

Program Play (DVD/VCD/CD)

You can adjust the aspect ratio according to the type of TV connected to this unit. Most DVD pictures are encoded in 16:9 ratio screen. When viewing these pictures with a conventional 4:3 ratio screen, the frame will appear elongated vertically. To prevent this, set the TV screen format to 4:3.

1. Press the [PLAY/PAUSE] button to resume normal playback.
2. Press the [SETUP] button on the remote control.
3. Use the [▲▼] cursor buttons to select "DISPLAY", then use the [◀▶] button to select, then use the [▲▼] cursor buttons to select the desired option.
4. Press the [SETUP] button to exit the setup screen.

- 4:3 (LETTER BOX): Select this to view wide DVDs in the pan-scan mode on a conventional 4:3 ratio screen.
- 4:3 (PAN-SCAN): Select this to view wide DVDs in the full-screen mode on a wide screen TV (16:9 ratio screen).
- 16:9 (WIDE): Select this to view wide DVDs in the full-screen mode on a wide screen TV (16:9 ratio screen).

To make the screen disappear, press the DISPLAY button again.

Random Play (DVD/VCD/CD)

1. Press the MODE button.
2. Use the [◀▶] button to select RANDOM, then press the ENTER button.

To make the screen disappear, press the DISPLAY button again.

When Playing a CD/VCD

1. During playback, press the DISPLAY button.
2. Use the [◀▶] button to select RANDOM, then press the ENTER button.

To make the screen disappear, press the DISPLAY button again.

When Playing a DVD

1. During playback, press the MENU button.
2. Use the [◀▶] button to select RANDOM, then press the ENTER button.

To make the screen disappear, press the DISPLAY button again.

Resuming Playback from the Point Where You Stopped

RESUME function

When you stop disc play, the player remembers where you stopped, which disc (where applicable) and track you were playing.

- If the player is left in the stop mode for more than 30 minutes, the Program and Random Play function may not work.
- If the player is left in the stop mode for more than one minute without any user interaction, a screen saver will be activated, and the TV screen will remain blank. To make the screen disappear, press the DISPLAY button.
- Depending on the disc, the RESUME function may not work.

This unit's setting

Automatic Power-Off function

If the player is left in the stop mode for more than five minutes, it will automatically shut off.

Using the Setup Menu

Setting Up the Language Features

Setting Options

Setting the Parental Control level

Setting the Screen Saver

Resetting the Player

Upgrading the Player's Software

Troubleshooting

Specifications

Warranty

Before Connecting the DVD Player

1. Turn off the DVD player, TV and other components.
2. Refer to the user's manual for your audio system, as necessary, for connecting to other components.
3. Be sure to connect directly to your TV. Connect the video cable directly to the video input jack on your TV.

Connection to an Audio System

1. Turn off all equipment.
2. Connect the audio cables from the DVD player's AUDIO OUT jacks to the audio system's AUDIO IN jacks. Match the left and right channels.
3. Connect the digital audio cable from the DVD player's DIGITAL AUDIO OUT jack to the digital audio system's input jack.

Method 1

Method 2

AUDIO

Fasten this unit to the stand using the supplied screw, which can be found on the bottom.

Using the stand, you can install this unit vertically.

Note

- The ⊘ icon indicates that you cannot select that function.
- Whether you can adjust the aspect ratio depends on the disc. Refer to the disc jacket for details.
- This setting cannot be changed during playback.

Description of screen ratios

Your DVD player might be damaged if its body

What is a Chapter?

You can view the picture correctly.

Each title on a DVD is usually divided into chapters (similar to tracks on an audio CD).

What is a Title?

A DVD may contain several different titles. For example, if a disc contains four different movies, each might be considered a title.

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Screen Fit Play (DVD Video)

1. Turn on your TV and press the TV/VIDEO button to select the video mode.
2. During playback, press the [SETUP] button on the remote control.
3. Use the [▲▼] cursor buttons to select "DISPLAY", then use the [◀▶] button to select "Screen Fit".
4. Press the [SETUP] button to exit the setup screen.

Allows you to eliminate the black bars at the top and bottom of the screen when a movie is playing in the Widescreen mode.

When playing a DVD, Chapter or Track

After pressing the [PLAY] button, the screen you first see is the menu screen. Depending on the DVD, the menu screen comes up :

If you want to select the language, press an [NUMBER] button. (This screen will only appear the very first time you play in the player.)

Choosing from TV Screen Format

Preparation

Play

Playing Step Motion & Slow Motion

Using the Search Function

Using the Disc Menu

Repeat Play (DVD-P210)

Program Play

Skipping Tracks

Digital Sound Control

Slow Repeat play

Using the Bookmark Function

Selecting the Audio Language

Selecting the Subtitle Language

Changing the Camera Angle

Using the Bookmark Function

Using the Zoom Function

Using the Setup Menu

Setting Up the Language Features

Setting Options

Setting the Parental Control level

Setting the Screen Saver

Resetting the Player

Upgrading the Player's Software

Troubleshooting

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Warranty

Method 1

Method 2

Audio Output Jacks

Video Output Jack

S-Video Jack

- When playing a DVD, if you press the NEXT SKIP button, it moves to next chapter. If you press the BACK SKIP button, it moves to the beginning of the chapter. One more press makes it move to the beginning of the previous chapter.
- When playing a VCD 2.0 in MENU OFF mode or a VCD 1.1 or a CD, if you press the NEXT SKIP button, it moves to next track. If you press the BACK SKIP button, it moves to the beginning of the current track. One more press makes it move to the beginning of the previous track.
- When playing a VCD 2.0 in the MENU MODE or Track View function, if you press the NEXT SKIP button, it moves to the next MENU or the next track View display. If you press the BACK SKIP button, it moves to the previous MENU or the previous track View display.

Note

- DVD-P210 models only: In multiple screen formats, you can select a different camera angle for each screen.
- Depending on the disc, the camera angle may not change.
- If you press the BACK SKIP button, it moves to the previous title of the DVD-P200 models.
- VCD 2.0 mode (MENU ON mode), this function does not work.

Note

- Please directly connect this unit's video output to the TV. If you connect it through a VCR, the picture may not play correctly.
- For DVD-P210 models, play the CD-R/RW disc or track in the STEP motion playback mode.

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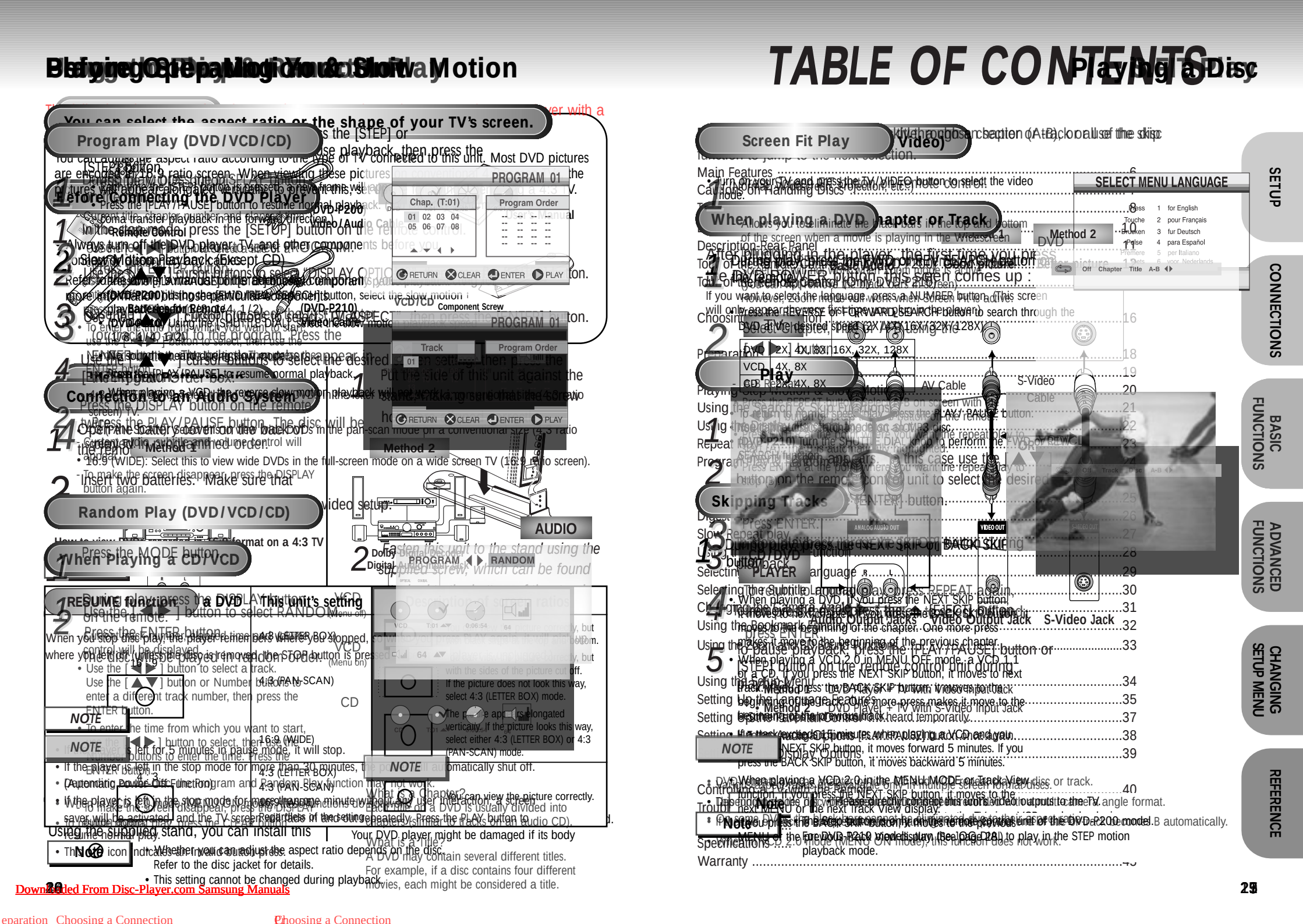
Screen Fit Play (DVD Video)

When playing a DVD Chapter or Track

Play

Skipping Tracks



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Using the Audio Language

Using the SUBTITLE button

Using the Bookmark Function (DVD/VCD)

Recalling a Marked Scene

Using Subtitle Language

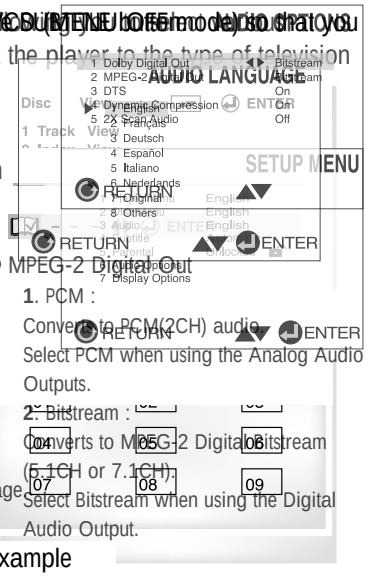
Using the Zoom Function (DVD/VCD)

Using the ANGLE button

Using the Player Menu Language

Using the 3D Sound Function

Using the Disc Menu Language



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Using the Bookmark Function (DVD/VCD)

Recalling a Marked Scene

Using the Subtitle Language

Using the Zoom Function (DVD/VCD)

Using the ANGLE button

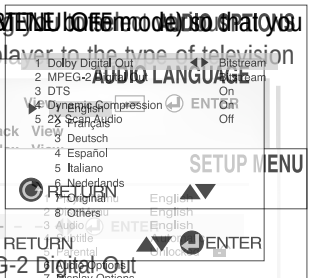
Using the Player Menu Language

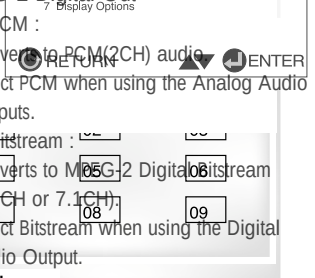
Using the 3D Sound Function

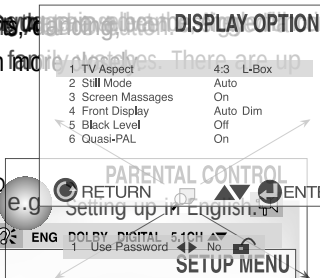
Using the Disc Menu Language

Master Volume Control Function (Only DVD-P200)

Change Password







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Slow Repeat play

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Using the 3D Sound Function

Using the Disc Menu Language

NOTE

Slow Repeat play

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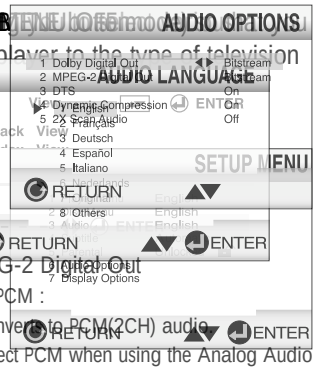
Using the Audio Language

With the unit in Stop mode, press the SETUP button. Use the [◀▶] button to select AUDIO OPTIONS. Press the ENTER button. Use the [▲▼] button to move to AUDIO LANGUAGE. Press the ENTER button. Select the desired audio language by pressing the [▲▼] button. Press the ENTER button.



❷ MPEG-2 Digital Output

1. PCM : Converts to PCM(2CH) audio. Select PCM when using the Analog Audio Outputs.
2. Bitstream : Converts to MPEG-2 Digital Bitstream (5.1CH or 7.1CH). Select Bitstream when using the Digital Audio Output.

example

❹ Dynamic Compression

1. On : To select dynamic compression.
2. Off : To select the standard range.

example

Using the Subtitle Language

During play, press the SUBTITLE button on the remote. Use the [◀▶] button to select a desired subtitle language. Press the ENTER button.

- The subtitle languages are represented by abbreviations.
- Use the Audio preference menu to select the soundtrack language.
- Setup of the subtitle language.
- English is selected and the screen returns to SETUP MENU.

Recalling a Marked Scene

During play, press the TOP MENU button on the remote. Use the [◀▶] button to select a marked scene. Press the PLAY/PAUSE button to skip to the marked scene.

Using the Bookmark Function (DVD/VCD)

During play, press the BOOKMARK button on the remote. The Bookmark icons will be displayed. Use the [◀▶] button to select the desired Bookmark icon. Press the ENTER button. The icon will change to the selected Bookmark icon.

Press the BOOKMARK button to turn off the display.

NOTE

- Depending on the disc, the Bookmark function may not work.

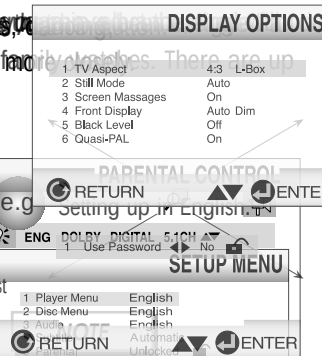
Using the SUBTITLE button

During play, press the SUBTITLE button. Use the [◀▶] button to select the desired subtitle language.

- Depending on the disc, the subtitle language may not be changed.
- Depending on the disc, the subtitle language may not be changed.

Using the Player Menu Language

Press the SETUP button. Use the [▲▼] button to select PLAYER MENU. Press the ENTER button. Use the [▲▼] button to select the desired language. Press the ENTER button.



example

Using the Disc Menu Language

Press the SETUP button. Use the [▲▼] button to select DISC MENU LANGUAGE. Press the ENTER button. Select the desired language by pressing the [▲▼] button. Press the ENTER button.

example

Using the Zoom Function (DVD/VCD)

During play, press the ZOOM button. Each time you press the button, the picture changes as follows: 2X/1/2X/Normal. Use the [◀▶▲▼] button to move to the part of the picture you want to view.

Using the ANGLE button

If the DVD disc contains sequences recorded from different angles, you can change the viewing angle. During play, press the ANGLE button. Each time you press the button, the angle changes.

Using the 3D Sound Function

The simulated surround effect (SPATIALIZER N-2-2) is added to the stereo sound to produce a greater surround effect. This feature is useful when you are using the DVD player's analog outputs.

Use the [▲▼] button to select 3D. Use the [◀▶] button to turn the 3D SOUND ON or OFF.

To terminate the function, press the 'CLEAR' button or the 'REPEAT (A-B)' button again.

NOTE

- Depending on a disc, you can play a NTSC DVD disc by Quasi-PAL mode.
- If you forgot your password, see Forgot Password in the Troubleshooting Guide.

Using the Parental Control

Press the SETUP button. Use the [▲▼] button to select PARENTAL CONTROL. Press ENTER. Use the [▲▼] button to select Use Password. Press ENTER. Use the [▲▼] button to select Yes. Press ENTER. Use the [▲▼] button to select Rating Level. Press ENTER. Use the [▲▼] button to select a level (1 Level 8) and press ENTER. Select Change Password. Press ENTER. Enter a new password. Re-enter the new password to confirm. Press ENTER.

Master Volume Control function only DVD-P200

Press the VOL CON button. Use the [▲▼] button to adjust the audio level by 0.5dB up to 64 levels. Lowering each level by 1dB will lower the volume by 2dB.

NOTE

- Volume control is only operative when using the analog audio outputs.
- Volume control is only operative when playing a DVD disc.

Changing the Player Menu Language

Press the SETUP button. Use the [▲▼] button to select PLAYER MENU. Press the ENTER button. Select the desired language by pressing the [▲▼] button. Press the ENTER button.

example

Using the Disc Menu Language

Press the SETUP button. Use the [▲▼] button to select DISC MENU LANGUAGE. Press the ENTER button. Select the desired language by pressing the [▲▼] button. Press the ENTER button.

example

Using the Parental Control

Press the SETUP button. Use the [▲▼] button to select PARENTAL CONTROL. Press ENTER. Use the [▲▼] button to select Use Password. Press ENTER. Use the [▲▼] button to select Yes. Press ENTER. Use the [▲▼] button to select Rating Level. Press ENTER. Use the [▲▼] button to select a level (1 Level 8) and press ENTER. Select Change Password. Press ENTER. Enter a new password. Re-enter the new password to confirm. Press ENTER.

Controlling your TV with the Remote (DVD-P210 only)

The remote can also be set up to control most TVs. To program the remote, use the code that corresponds to your brand.

*Power Requirements	AC 100-240 V, 50/60 Hz
Power Consumption	15 W
Weight	2.5 Kg
General Dimensions	242mm (W) x 283mm (D) x 72mm (H)
Operating Temperature Range	+5°C to +35°C
Operating Humidity Range	10 % to 75 %
DVD - 12cm (DIGITAL VERSATILE DISC)	Reading Speed : 3.49 m/sec. Approx. Play time (Single Sided, Single Layer Disc) : 135 min.
CD - 12Cm (COMPACT DISC)	Reading Speed : 1.2 to 1.4 m/sec. Maximum Play Time : 74 min.
CD - 8Cm (COMPACT DISC)	Reading Speed : 1.2 to 1.4 m/sec. Maximum Play Time : 20 min.
VCD - 12Cm	Reading Speed : 1.2 to 1.4 m/sec. Maximum Play Time : 74 min.
Video Output	Composite Video : 1 channel : 1.0Vp-p (75 Ω load) Luminance Signal : 1.0Vp-p (75 Ω load) S-VIDEO Chrominance Signal : 0.286 Vp-p (75 Ω load)
Audio Output	2 channel L(1/L), R(2/R)
*Frequency Response	48 kHz Sampling : 4 Hz to 22 kHz 96 kHz Sampling : 4 Hz to 44 kHz
*S/N Ratio	110 dB
*Dynamic Range	100 dB
*Total Harmonic Distortion	0.004 %

*: Nominal specification

- Samsung Electronics Co., Ltd reserves the right to change the specifications without notice.
- Weight and dimensions are approximate.

e.g For SAMSUNG 4 TVs

While holding down the TV POWER button, enter 0 and then 1.

TV Codes		
	BRAND	CODE
01	SAMSUNG_4	
02	SAMSUNG_6, LG, LOEWE, PHILIPS, FINLUX, YOKO, LOEWE OPTA,	
03	SAMSUNG_1	
04	SAMSUNG_2	
05	SAMSUNG_3	
06	BANG, NEC	
07	TOSHIBA	
08	GRUNDIG, BLAUPUNKT, SIEMENS,	
09	SHARP	
10	HITACHI	
11	SANYO, AKAI, FISHER	
12	HITACHI, SABA, THOMSON, NORDMENDE	
13	HITACHI, NORDMENDE, SABA, TELEFUNKEN, THOMSON,	
14	FERGUSON, PIONEER, TELEAVA	
15	SONY	
16	TOSHIBA, SANYO, SHARP, SONY, SAMSUNG	
17	TOSHIBA, GRUNDIG, FINLUX	
18	TOSHIBA	
19	TOSHIBA	
20	PHILIPS, LEYCO, PHONOLA, RADIOLA	
21	TOSHIBA, GRUNDIG, CGE, IMPERIAL, MIVAR	
22	PHILIPS, SABA, BANG&OLUFSEN, SCHNEIDER, ONKYO,	
	FORMENTI, LOEWE OPTA, METZ, WEGA, PHONOLA, RADIOMARELLI	
23	SINGER, SINUDYNE	
24	NOKIA, PANASONIC, SABA, PIONEER, REX, SELECO, SALORA	
25	HITACHI, NORDMENDE, SABA, TELEFUNKEN, THOMSON,	
26	THOMSON, CONTINENTAL, EDISON	
27	PANASONIC_2	
28	PANASONIC_5	
29	PANASONIC_6	
30	TELEFUNKEN	
31	SHARP_2	
32	JVC	
33	THOMSON ASIA	
34	THOMSON ASIA	

1 Turn on the TV.

2 Point the DVD's remote at the TV.

3 While holding the TV POWER button down, enter the code for your brand.

4 If the TV turns off, setup is complete.

5 Enter other codes of the same brand if the first code does not work.

To operate the TV, use the "TV Function Buttons" described on page 15.

NOTE

The remote may not be able to control every model TV of the brands listed.

Dolby Digital

Dolby Digital offers a 5.1 channel discrete digital surround sound. This is the same surround-sound system used in movie theaters.

To enjoy Dolby Digital, you need to connect the digital output jack of this unit to the digital input jack of a Dolby Digital compatible amplifier.

Optical digital output

Whereas an audio signal is commonly converted into electrical signal for transmission from the player to other components, such as amplifiers, via an electric cable, optical digital output is a fiber-optic output of digital audio signal. (When signals are received by an amplifier, it is called optical digital input.)

Multiple angles

Recorded onto some DVD discs are scenes that have been simultaneously shot from a number of different angles. For DVDs on which muliple angles are recorded, you can freely change the angle of view.

Multiple audio languages

Certain DVDs contain multiple audio tracks mastered on a single disc. Up to 8 different audio languages (8 stream) can be recorded. You can select your language preference.

Subtitles

Subtitles familiar in movies. Up to 32 subtitle languages can be recorded on a DVD and you can select the subtitle language desired.

Region No.

Both DVD players and DVD discs are encoded with a region number. For this player to play a DVD disc, the region number on the disc must correspond to the region number of this player. The region number for this player is 3.

The region number is printed on the label on the bottom of the player. If the region number on a DVD disc does not correspond to the player's region number, the player will not play the disc.

MP3

MP3, for MPEG-1 Audio Layer 3, is a file format that has a sound compression system, using the MPEG format. It is a method of compressing CD-quality audio data to 1/10 its original size. This is the standard format data, ignoring sounds inaudible to human ears. Using MP3 format, you can record approximately 10 times more than a standard CD. You can create MP3 data from audio CDs, and you can also obtain MP3 files from the Internet. This unit plays MP3 files recorded on CD-R discs and CD-RW discs.

Dynamic Range

The ratio in dB between the highest signal level that can be tolerated without distortion and the broadband noise level measured in the absence of the signal.

Chapter

A title on a DVD is subdivided into sections called "chapters", each of which is numbered, similar to the way a book has chapters. If a DVD has chapters recorded on it, you can perform chapter search operation to quickly locate specific parts of video presentations.

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UNITED KINGDOM

Before requesting service (troubleshooting), please check the following.

Problem	Action	Page
No operations can be performed.	• May need replacing. • Operate the remote control at a distance of no more than 20 feet. • Remove batteries and hold down one or more buttons for several minutes to discharge the remote's memory. Reinstall batteries and try remote again.	P 34
Disc does not play.	• Insert disc with the label side facing up. • Clean the disc. • Check the disc type, broadcast system and region code.	P 9
5.1 channel sound is not being reproduced.	• 5.1 channel sound is reproduced only when the following conditions are met: 1) The DVD player is connected with the proper amplifier 2) The disc is recorded with 5.1 channel sound. • Check whether the disc being played has the "Dolby 5.1 ch" mark on the outside. • Check if your audio system is connected and working properly.	P 16
The ⊘ icon appears on screen.	• The features or action cannot be completed at this time because: 1. The DVD prohibits the action. 2. The DVD's software doesn't support the feature (e.g., angles). 3. The feature is not available at the moment. 4. You have requested a title or chapter number or search time that is out of range.	P 20
Disc Menu doesn't appear.	• Check if the disc has a Menu.	P 34~35
Play mode operation and the Setup Menu selection.	• Some operations cannot be performed. Refer to the Menu Map that comes with the disc.	P 34~39
The screen ratio cannot be changed.	• The Screen Ratio is fixed on your DVDs.	P 39
No audio.	• Make sure you have selected the correct Digital Output in the Audio Output Menu.	P 38
Forgot password	• Press power on from a cold start with no disc in the unit. Press the STOP button simultaneously for more than 5 seconds. The Setup Menu appears. Select Parental. Press ENTER and the Parental Mode appears. Press the SETUP button on the remote control to select the Parental Mode. The Parental Mode is now unlocked as indicated on the display. Press the DOWN button to select Parental. Press ENTER and the Create Password display will appear. You can now set your rating level and password as you have done before.	P 37
If you experience other problems with this unit	• Go to the contents and find the section of the instruction book that contains the explanations regarding the screen problem and follow the procedures there. • If the problem still cannot be solved, please contact your nearest authorized service center.	

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2. Samsung's obligations are limited to the repair or, at its discretion, replacement of the product or the defective part.
3. Warranty repairs must be carried out by Authorised Samsung Dealers or Authorised Service Centres. No re-imbursement will be made for repairs carried out by non Samsung Dealers and any such repair work and damage to the products caused by such repair work will not be covered by this warranty.
4. This product is not considered to be defective in materials nor workmanship by reason that it requires adaptation in order to conform to national or local technical or safety standards in force in any Country other than the one for which the product was originally designed and manufactured. This warranty will not cover, and no re-imbursement will be made for such adaptation nor any damage which may result.

REFERENCE

Specifications

(DVD-P210 only)

General	*Power Requirements	AC 100-240 V, 50/60 Hz
	Power Consumption	15 W
	Weight	2.5 Kg
	Dimensions	242mm 283mm 72mm
	Operating Temperature Range	+5°C to +35°C
	Operating Humidity Range	10 % to 75 %
Disc (COMPACT DISC)	DVD : 12Cm (DIGITAL VERSATILE DISC)	Reading Speed : 3.49 m/sec. Approx. Play time (Single Sided, Single Layer Disc) : 135 min. Reading Speed : 1.2 to 1.4 m/sec. Maximum Play Time : 7a min.
	CD : 12Cm (COMPACT DISC)	Reading Speed : 1.2 to 1.4 m/sec. Maximum Play Time : 74 min.
	CD : 8Cm (COMPACT DISC)	Reading Speed : 1.2 to 1.4 m/sec. Maximum Play Time : 20 min.
	VCD : 12Cm	Reading Speed : 1.2 to 1.4 m/sec. Maximum Play Time : 74 min.
Video Output	Composite Video	1 channel : 1.0Vp-p (75 load)
	S-VIDEO	Luminance Signal : 1.0Vp-p (75 load) Chrominance Signal : 0.286 Vp-p (75 load)
Audio Output	2 channel	L(1/L), R(2/R)
	*Frequency Response	48 kHz Sampling : 4 Hz to 22 kHz 96 kHz Sampling : 4 Hz to 44 kHz
	*S/N Ratio	110 dB
	*Dynamic Range	100 dB
	*Total Harmonic Distortion	0.004 %

*: Nominal specification

- Samsung Electronics Co., Ltd reserves the right to change the specifications without notice.
- Weight and dimensions are approximate.

Operating your TV with the Remote

The remote can also be set up to control most TVs. To program the remote, use the code that corresponds to your brand.

CODE	BRAND
01	SAMSUNG_4
02	SAMSUNG_6, LG, LOEWE, PHILIPS, FINLUX, YOKO, LOEWE OPTA,
03	SAMSUNG_1
04	SAMSUNG_2
05	SAMSUNG_3
06	BANG, NEC
07	TOSHIBA
08	SHARP, SONY, SONTEC, PHONOLA, RADIOLA
09	GRUNDIG, BLAUPUNKT, SIEMENS,
10	SONY
11	HITACHI
12	SANYO, AKAI, FISHER
13	HITACHI, SABA, THOMSON, NORDMENDE
14	HITACHI, NORDMENDE, SABA, TELEFUNKEN, THOMSON,
15	FERGUSON, PIONEER, TELEAVA
16	SONY
17	TOSHIBA, SANYO, SHARP, SONTEC, PHONOLA
18	TOSHIBA, GRUNDIG, FINLUX
19	TOSHIBA
20	PHILIPS, SABA, BANG&OLUFSEN, METZ, NEC
21	TOSHIBA, GRUNDIG, CGE, IMPERIAL, MIVAR
22	PHILIPS, SABA, BANG&OLUFSEN, METZ, NEC
23	FORMENTI, LOEWE OPTA, METZ, WEGA, PHONOLA, RADIOMARELLI, SINGER, SINUDYNE
24	NOKIA, PANASONIC, SABA, PIONEER, REX, SELECO, SALORA
25	HITACHI, NORDMENDE, SABA, TELEFUNKEN, THOMSON,
26	THOMSON, CONTINENTAL, EDISON
27	PANASONIC_2
28	PANASONIC_5
29	PANASONIC_6
30	TELEFUNKEN
31	SHARP_2
32	JVC
33	THOMSON ASIA
34	THOMSON ASIA

1 Turn on the TV.

2 Point the DVD's remote at the TV.

3 While holding the TV POWER button down, enter the code for your brand.

e.g For SAMSUNG 4 TVs

While holding down the TV POWER button, enter 0 and then 1.

4 If the TV turns off, setup is complete.

5 Enter other codes of the same brand if the first code does not work.

To operate the TV, use the "TV Function Buttons" described on page 15.

NOTE

The remote may not be able to control every model TV of the brands listed.

Dolby Digital
Dolby Digital offers a 5.1 channel discrete digital surround sound. This is the same surround-sound system used in movie theaters.

To enjoy Dolby Digital, you need to connect the digital output jack of this unit to the digital input jack of a Dolby Digital compatible amplifier.

Optical digital output
Whereas an audio signal is commonly converted into electrical signal for transmission from the player to other components, such as amplifiers, via an electric cable, optical digital output is a fiber-optic output of digital audio signal. (When signals are received by an amplifier, it is called optical digital input.)

Multiple angles
Recorded onto some DVD discs are scenes that have been simultaneously shot from a number of different angles. For DVDs on which muliple angles are recorded, you can freely change the angle of view.

Multiple audio languages
Certain DVDs contain multiple audio tracks mastered on a single disc. Up to 8 different audio languages (8 stream) can be recorded on a disc. You can select a language when you play a DVD.

Subtitle
Subtitles familiar in movies. Up to 32 subtitle languages can be recorded on a DVD and you can select the subtitle language desired.

Region No.
Both DVD players and DVD discs are assigned a region number. A player can play only discs labeled with the same region number as the player. If the region number labeled on the disc does not correspond to the region number of your player, you cannot play the disc.

MP3
MP3, for MPEG-1 Audio Layer 3, is a file format that compresses a sound file in MPEG format. It is a method of using the Perceptual Audio Coding and Psychoacoustic Code Modulation, another data, ignoring sounds inaudible to human ears, to achieve a compression ratio of 1:10 or more. This is the standard format a smaller file while preserving the original CD sound quality.

The ⊘ icon appears on screen.

Rating limit
Some DVDs containing violent scenes have been assigned a rating limit. If you set the rating level for this player to a level lower than the one assigned to a DVD disc, you cannot play the disc without entering the password.

Title
A DVD may contain several different titles on a single disc. For example, if a disc contains three different movies, these movies are usually titled as title 1, title 2 and title 3. You can select a title number to play.

Dynamic Range
The ratio in dB between the highest signal level that can be tolerated without distortion and the broadband noise level measured in the absence of the signal.

Chapter
A title on a DVD is subdivided into sections called "chapters", each of which is numbered, similar to the way a book has chapters. If a DVD has chapters recorded on it, you can perform chapter search operation to quickly locate specific parts of video presentations.

Troubleshooting

Before requesting service (troubleshooting), please check the following.

Problem	Action	Page
No operations can be performed on Samsung DVD player.	• Check the batteries in the remote. They may need replacing. • Operate the remote control at a distance of no more than 20 feet. • Remove batteries and hold down one or more buttons for several minutes to discharge the standby power. Reinstall batteries and try remote again.	P 8
Disc does not play.	• Clean the disc. • Check if the disc is installed with the label side facing up. • Check if the disc format is compatible with your player.	P 9
5.1 channel sound is not being reproduced.	• 5.1 channel sound is reproduced only when the following conditions are met: 1) The DVD player is connected with the proper amplifier 2) The disc is recorded with 5.1 channel sound. • Check whether the disc being played has the "Dolby 5.1 ch" mark on the outside. • Check if your audio system is connected and working properly.	P 16
The ⊘ icon appears on screen.	• The features or action cannot be completed at this time because: 1. The DVD disc prohibits the operation. 2. The DVD's software doesn't support the feature (e.g., angles). 3. The feature is not available at the moment. 4. You have requested a title or chapter number or search time that is out of range.	P 20
Disc Menu doesn't appear.	• Check if the disc has a Menu.	P 34~35
Play mode doesn't start from the Setup Menu selection.	• Some selections cannot be performed from the Setup Menu if the disc is not encoded with the corresponding function.	P 34~39
The screen ratio cannot be changed.	• The Screen Ratio is fixed on your DVDs.	P 39
No audio.	• Make sure you have selected the correct Digital Output in the Audio Setup Menu.	P 38
Forgot password	• Press power on from a cold start with no disc in the unit. Press the STOP and OPEN/CLOSE buttons simultaneously on the front panel for about 5 seconds. The Setup Menu appears. Select Parental. Press ENTER and the Create Password display will appear. You can now set your rating level and password. Press the SETUP button on the remote control to select the Parental Mode. The Parental Mode is now unlocked as indicated on the display. Press the DOWN button to select Parental. Press ENTER and the Create Password display will appear. You can now set your rating level and password.	P 37
If you experience other problems with your DVD player	• Go to the contents and find the section of the instruction book that contains the explanations regarding the current problem and follow the procedures there. • If the problem still cannot be solved, please contact your nearest authorized service center.	

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WARRANTY CONDITIONS

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2. Samsung's obligations are limited to the repair or, at its discretion, replacement of the product or the defective part.
3. Warranty repairs must be carried out by Authorised Samsung Dealers or Authorised Service Centres. No re-imbursement will be made for repairs carried out by non Samsung Dealers and any such repair work and damage to the products caused by such repair work will not be covered by this warranty.
4. This product is not considered to be defective in materials nor workmanship by reason that it requires adaptation in order to conform to national or local technical or safety standards in force in any Country other than the one for which the product was originally designed and manufactured. This warranty will not cover, and no re-imbursement will be made for such adaptation nor any damage which may result.

REFERENCE

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Specifications

General	*Power Requirements	AC 100-240 V, 50/60 Hz
	Power Consumption	15 W
	Weight	2.5 Kg
	Dimensions	242mm X 283mm X 72mm
	Operating Temperature Range	+5°C to +35°C
	Operating Humidity Range	10 % to 75 %
Disc (COMPACT DISC)	DVD : 12cm (DIGITAL VERSATILE DISC)	Reading Speed : 3.49 m/sec.
		Approx. Play time (Single Sided, Single Layer Disc) : 135 min.
	CD : 12cm	Reading Speed : 1.2 to 1.4 m/sec.
		Maximum Play Time : 74 min.
	CD : 8cm	Reading Speed : 1.2 to 1.4 m/sec.
		Maximum Play Time : 20 min.
	VCD : 12cm	Reading Speed : 1.2 to 1.4 m/sec.
		Maximum Play Time : 74 min.
Video Output	Composite Video	1 channel : 1.0Vp-p (75Ω load)
	S-VIDEO	Luminance Signal : 1.0Vp-p (75Ω load)
		Chrominance Signal : 0.286 Vp-p (75Ω load)
Audio Output	2 channel	L(1/L), R(2/R)
	*Frequency Response	48 kHz Sampling : 4 Hz to 22 kHz
		96 kHz Sampling : 4 Hz to 44 kHz
	*S/N Ratio	110 dB
	*Dynamic Range	100 dB
	*Total Harmonic Distortion	0.004 %

*: Nominal specification

- Samsung Electronics Co., Ltd reserves the right to change the specifications without notice.
- Weight and dimensions are approximate.

Operating your TV with the Remote (DVD-P210 only)

The remote can also be set up to control most TVs. To program the remote, use the code that corresponds to your brand.

e.g For SAMSUNG 4 TVs

While holding down the TV POWER button, enter 0 and then 1.

CODE	BRAND
01	SAMSUNG_4
02	SAMSUNG_6, LG, LOEWE, PHILIPS, FINLUX, YOKO, LOEWE OPTA,
03	SAMSUNG_1
04	SAMSUNG_2
05	SAMSUNG_3
06	BANG, NEC
07	TOSHIBA
08	GRUNDIG, BLAUPUNKT, SIEMENS,
09	GRUNDIG, BLAUPUNKT, SIEMENS,
10	SHARP
11	HITACHI
12	SANYO, AKAI, FISHER
13	HITACHI, SABA, THOMSON, NORDMENDE
14	HITACHI, NORDMENDE, SABA, TELEFUNKEN, THOMSON, GRADIENTE, FERGUSON, PIONEER, TELEAVA
15	SONY
16	TOSHIBA, SANYO, SHARP, SONY, SAMSUNG
17	TOSHIBA, GRUNDIG, FINLUX
18	TOSHIBA
19	TOSHIBA
20	PHILIPS, LEYONDA, RADIOLA
21	TOSHIBA, GRUNDIG, CGE, IMPERIAL, MIVAR
22	PHILIPS, SABA, BANG&OLUFSEN, SCHNEIDER, ONKYO
23	FORMENTI, LOEWE OPTA, METZ, WEGA, PHONOLA, RADIOMARELLI, SINGER, SINUDYNE
24	NOKIA, PANASONIC, SABA, PIONEER, REX, SELECO, SALORA
25	HITACHI, NORDMENDE, SABA, TELEFUNKEN, THOMSON, CONTINENTAL, EDISON
26	PANASONIC_2
27	PANASONIC_5
28	PANASONIC_6
29	THE TELEFUNKEN
30	JVC
31	SHARP_2
32	JVC
33	THOMSON ASIA
34	THOMSON ASIA

1 Turn on the TV.

2 Point the DVD's remote at the TV.

3 While holding the TV POWER button down, enter the code for your brand.

4 If the TV turns off, setup is complete.

5 Enter other codes of the same brand if the first code does not work.

To operate the TV, use the "TV Function Buttons" described on page 15.

NOTE

The remote may not be able to control every model TV of the brands listed.

Dolby Digital

Dolby Digital offers a 5.1 channel discrete digital surround sound. This is the same surround-sound system used in movie theaters.

To enjoy Dolby Digital, you need to connect the digital output jack of this unit to the digital input jack of a Dolby Digital compatible amplifier.

Optical digital output

Whereas an audio signal is commonly converted into electrical signal for transmission from the player to other components, such as amplifiers, via an electric wire, optical digital output is a fiber-optic output of digital audio signal. (When signals are received by an amplifier, it is called optical digital input.)

Multiple audio languages

Certain DVDs contain multiple audio tracks mastered on a single disc. Up to 8 different audio languages (8 stream) can be recorded onto a DVD. You can select a language desired.

Multiple subtitle languages

Subtitles familiar in movies. Up to 32 subtitle languages can be recorded on a DVD and you can select the subtitle language desired.

Multiple angles

Recorded onto some DVD discs are scenes that have been simultaneously shot from a number of different angles. For DVDs on which muliple angles are recorded, you can freely change the angle of view.

Rating limit

Some DVDs containing violent scenes have been assigned a rating limit. If you set up a rating limit for this player to a level lower than the one assigned to a DVD disc, you cannot play the disc without entering the password.

Title

A DVD may contain several different titles on a single disc. For example, if a disc contains three different movies, these movies are usually titled title 1, title 2 and title 3. You can select a title number for playback.

Dynamic Range

The ratio in dB between the highest signal level that can be tolerated without distortion and the broadband noise level measured in the absence of the signal.

Chapter

A title on a DVD is subdivided into sections called "chapters", each of which is numbered, similar to the way a book has chapters. If a DVD has chapters recorded on it, you can perform chapter search operation to quickly locate specific parts of video presentations.

MP3

MP3, for MPEG-1 Audio Layer 3, is a digital audio compression standard defined by the MPEG format. It is a method of encoding audio using Perceptual Audio Coding and psychoacoustic Code Modulation, another data, ignoring sounds inaudible to human ears. This is the standard format a smaller file while preserving the original level of sound quality when played.

Troubleshooting

Before requesting service (troubleshooting), please check the following.

Problem	Action	Page
No operations can be performed on Samsung Region No.	• Check the batteries in the remote. They may need replacing. • Operate the remote control at a distance of no more than 20 feet. • Remove batteries and hold down one or more buttons for several seconds to discharge the unit's memory. Reinstall batteries and try remote again.	P 34
Disc does not play.	• Clean the disc. • Check if the disc is installed with the label side facing up.	P 9
5.1 channel sound is not being reproduced.	• 5.1 channel sound is reproduced only when the following conditions are met: 1) The DVD player is connected with the proper amplifier 2) The disc is recorded with 5.1 channel sound. • Check whether the disc being played has the "Dolby 5.1 ch" mark on the outside. • Check if your audio system is connected and working properly.	P 16
The ⊘ icon appears on screen.	• The features or action cannot be completed at this time because: 1. The DVD prohibits the action. 2. The DVD's software doesn't support the feature (e.g., angles). 3. The feature is not available at the moment. 4. You have requested a title or chapter number or search time that is out of range.	P 20
Disc Menu doesn't appear.	• Check if the disc has a Menu.	P 34~35
Play mode operation and Setup Menu selection.	• Some operations cannot be performed. Refer to the Menu Map that comes with the disc.	P 34~39
The screen ratio cannot be changed.	• The Screen Ratio is fixed on your DVDs properly if the disc is not encoded with the corresponding function.	P 39
No audio.	• Make sure you have selected the correct Digital Output in the Audio Output Menu.	P 38
Forgot password	• Press power on from a cold start with no disc in the unit. Press the STOP button 5 times consecutively. The Front Panel Locked appears. The Setup Menu unlocks temporarily. Select Menu, Password, Change. Enter a new 4-digit password. Press ENTER and then enter it again to confirm. Press the SETUP button on the remote control to select the Parental Mode. The Parental Mode is now unlocked as indicated on the display. Press the DOWN button to select Parental. Press ENTER and the Create Password display will appear. You can now set your rating level and password as you desire.	P 37
If you experience other problems with your DVD player	• Go to the contents and find the section of the instruction book that contains the explanations regarding the current problem and follow the procedure given. • If the problem still cannot be solved, please contact your nearest authorized service center.	

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Specifications

(DVD-P210 only)

General	*Power Requirements	AC 100-240 V, 50/60 Hz
	Power Consumption	15 W
	Weight	2.5 Kg
	Dimensions	242mm 283mm 72mm
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Disc (COMPACT DISC)	DVD : 12Cm (DIGITAL VERSATILE DISC)	Reading Speed : 3.49 m/sec. Approx. Play time (Single Sided, Single Layer Disc) : 135 min. Reading Speed : 1.2 to 1.4 m/sec. Maximum Play Time : 7a min.
	CD : 12Cm (COMPACT DISC)	Reading Speed : 1.2 to 1.4 m/sec. Maximum Play Time : 74 min.
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Video Output	Composite Video	1 channel : 1.0Vp-p (75 load)
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	*Frequency Response	48 kHz Sampling : 4 Hz to 22 kHz 96 kHz Sampling : 4 Hz to 44 kHz
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2 Point the DVD's remote at the TV.

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The ⊘ icon appears on screen.

Rating limit
Some DVDs containing violent scenes have been assigned a rating limit. If you set the rating level for this player to a level lower than the one assigned to a DVD disc, you cannot play the disc without entering the password.

Title
A DVD may contain several different titles on a single disc. For example, if a disc contains three different movies, these movies are usually titled as title 1, title 2 and title 3. You can select a title number to play.

Dynamic Range
The ratio in dB between the highest signal level that can be tolerated without distortion and the broadband noise level measured in the absence of the signal.

Chapter
A title on a DVD is subdivided into sections called "chapters", each of which is numbered, similar to the way a book has chapters. If a DVD has chapters recorded on it, you can perform chapter search operation to quickly locate specific parts of video presentations.

Troubleshooting

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Problem	Action	Page
No operations can be performed on Samsung DVD player.	• Check the batteries in the remote. They may need replacing. • Operate the remote control at a distance of no more than 20 feet. • Remove batteries and hold down one or more buttons for several minutes to discharge the standby power. Reinstall batteries and try remote again.	P 8
Disc does not play.	• Clean the disc. • Check if the disc is installed with the label side facing up. • Check if the disc format is compatible with your player.	P 9
5.1 channel sound is not being reproduced.	• 5.1 channel sound is reproduced only when the following conditions are met: 1) The DVD player is connected with the proper amplifier 2) The disc is recorded with 5.1 channel sound. • Check whether the disc being played has the "Dolby 5.1 ch" mark on the outside. • Check if your audio system is connected and working properly.	P 16
The ⊘ icon appears on screen.	• The features or action cannot be completed at this time because: 1. The DVD disc prohibits the operation. 2. The DVD's software doesn't support the feature (e.g., angles). 3. The feature is not available at the moment. 4. You have requested a title or chapter number or search time that is out of range.	P 20
Disc Menu doesn't appear.	• Check if the disc has a Menu.	P 34~35
Play mode doesn't start from the Setup Menu selection.	• Some selections cannot be performed from the Setup Menu if the disc is not encoded with the corresponding function.	P 34~39
The screen ratio cannot be changed.	• The Screen Ratio is fixed on your DVDs.	P 39
No audio.	• Make sure you have selected the correct Digital Output in the Audio Setup Menu.	P 38
Forgot password	• Press power on from a cold start with no disc in the unit. Press the STOP and OPEN/CLOSE buttons simultaneously on the front panel for about 5 seconds. The Setup Menu appears. Select Parental. Press ENTER and the Create Password display will appear. You can now set your rating level and password. Press the SETUP button on the remote control to select the Parental Mode. The Parental Mode is now unlocked as indicated on the display. Press the DOWN button to select Parental. Press ENTER and the Create Password display will appear. You can now set your rating level and password.	P 37
If you experience other problems with your DVD player	• Go to the contents and find the section of the instruction book that contains the explanations regarding the current problem and follow the procedures there. • If the problem still cannot be solved, please contact your nearest authorized service center.	

UNITED KINGDOM

This Samsung product is warranted for the period of twelve (12) months from the original date of purchase against defective materials and workmanship. In the event that warranty service is required, you should return the product to the retailer from whom it was purchased. However, Samsung Authorised Dealers and Authorised Service Centres in other EC Countries will comply with the warranty on the terms issued to purchasers in the country concerned. In case of difficulty details of our Authorised Service Centres are available from:

Samsung Electronics (U.K.) Ltd.,
Euro Service Centre, Stafford Park 12,
TELFORD, Shropshire TF3 3BJ
Tel: 0870 2420303, Fax: 01952 207117

WARRANTY CONDITIONS

1. The warranty is only valid if, when warranty service is required, the warranty card is fully and properly completed and is presented with the original invoice or sales slip from the retailer, and the serial number on the product has not been defaced.
2. Samsung's obligations are limited to the repair or, at its discretion, replacement of the product or the defective part.
3. Warranty repairs must be carried out by Authorised Samsung Dealers or Authorised Service Centres. No re-imbursement will be made for repairs carried out by non Samsung Dealers and any such repair work and damage to the products caused by such repair work will not be covered by this warranty.
4. This product is not considered to be defective in materials nor workmanship by reason that it requires adaptation in order to conform to national or local technical or safety standards in force in any Country other than the one for which the product was originally designed and manufactured. This warranty will not cover, and no re-imbursement will be made for such adaptation nor any damage which may result.

REFERENCE

Downloaded From Disc-Player.com Samsung Manuals